Administration Report
of the
Municipal Commissioner
for the City of Bombay
1903-04 and 1904-05

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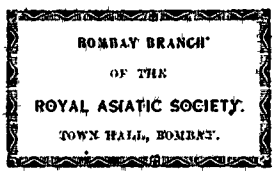

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ADMINISTRATION REPORT

OF

THE MUNICIPAL COMMISSIONER

FOR THE

CITY OF BOMBAY

FOR THE YEAR 1903-1904. 1904-

133756

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1904.

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Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the City of Bombay for the year 1903-1904.

Corporation and Standing Committee.

From April to October the Corporation was under the Presidentship of Mr. Fazulbhoy Visram, C.I.E. On Mr. Fazulbhoy resigning the office in October, Mr. James Macdonald was elected to the Presidentship, which he held from 12th November to the end of the official year. Mr. A. G. Viegas, L. M. & S., filled the office of Chairman of the Standing Committee throughout the year.

2. There were during the year 67 meetings of the Corporation, 55 of the Standing Committee, 142 of Committees of the Corporation and 65 of Sub-Committees of the Standing Committee. 44 other meetings of Committees and Sub-Committees were called but could not be held. The above figures, compared with the corresponding figures of previous years, show that a heavier demand was made by Municipal business on the time of Councillors than in any previous year.

3. On the 12th December 1903 the Corporation gave the customary address of welcome to the Right Hon'ble Baron Lamington on his arrival in Bombay to assume the office of Governor of the Presidency.

4. There were three vacancies in the Corporation by death and five by resignation. These were filled by fresh elections and appointments.

Commissioner.

5. Mr. W. L. Harvey, C.I.E., I.C.S., continued to be at the head of executive affairs as Municipal Commissioner throughout the year.

Finance.

6. With the exception of an increase of annas two per Bombay maund in the Town Duty on ghee, the taxation was the same in the year of report as in the previous year. The Budget was cautiously framed for a deficit of Rs. 3,02,875, but the operations of the year resulted in a surplus of Rs. 51,235. The revenue for the year was Rs. 84,82,625, and was the highest that the Municipality has ever realized at the rates of taxation prevailing for the year : the expenditure amounted to Rs. 84,31,389. The opening balance was Rs. 22,72,565 ; with the addition to this of Rs. 51,235 for excess of revenue over expenditure, *less* Rs. 23,098 for a nominal increase in the value assigned to the Municipal Stores in Stock, a closing balance of Rs. 23,00,702 was obtained.

7. The income of the year of report exceeded that of the previous year by Rs. 3,06,937. The bulk of this increase was from Property Taxes alone, and was an indirect result of the operations of the City Improvement Trust. The awards made in cases of acquisition by the Trust revealed—what had already for long been suspected—that property in the City was largely underassessed. The Commissioner made special arrangements for revision of assessments, with the result that (in the words of the Chief Accountant) "there accrued thereby the phenomenal increase of over 2½ lakhs in the anticipated revenues of the year from Property Taxes alone, and this, notwithstanding the fact that the outstandings at

the close of the year exceeded those of the preceding year by nearly a lakh and a quarter." After taking into consideration the outstandings of the year, which were much larger than in the previous year, the Chief Accountant estimates that the permanent addition made to the Municipal income from all sources during the year aggregated well over 4 lakhs of rupees. The incidence of taxation per head of population rose to Rs. 9-6-1 in the year of report from Rs. 9-1-11 in the previous year.

8. The expenditure of the year of report fell short of that of the previous year by Rs. 22,008 only. Certain heads show increases which aggregate Rs. 4,54,058, but there are counterbalancing decreases under other heads, the net result being as above stated. In his Report for 1902-03 the Chief Accountant estimated the permanent addition to the recurring expenditure of the Municipality at a little over a lakh and a half of rupees. In the report now under review he states that he cannot find any permanent increase worth considering excepting an increase of Rs. 40,000 in "interest payable." Both the Commissioner and the Chief Accountant are of opinion, and the Standing Committee concur with them, that on the whole, with expansion of revenue and husbanding of resources, the financial position of the Municipality has substantially improved.

9. Rupees 1,10,404 having been paid during the year towards reduction of debt and Rs. 3,75,000 having been freshly borrowed, the total capital debt of the Municipality increased in the year from Rs. 4,71,55,760 to Rs. 4,74,20,355. Against this total of debt the total invested sinking fund amounted to Rs. 46,95,890, leaving a net debt liability of Rs. 4,27,24,465.

10. The total expenditure on Loan Works aggregated Rs. 6,45,522 against Rs. 5,47,412 in the preceding year.

11. On Plague Operations (which are now financed from Revenue and not from Capital) the Municipal expenditure in the year was Rs. 2,43,888 against Rs. 2,31,391 in 1902-03. The total sum expended by the Municipality in dealing with Plague from the time the disease first broke out in the City to the end of the year of report amounts to Rs. 63,20,807, of which Rs. 17,74,174 (*i.e.*, only about 28 per cent.) have been borne by Government.

12. Satisfactory advance was made in the year of report in putting the Municipal Stores on a proper basis as recommended by the Special Officer appointed by the Corporation. Obsolete and unserviceable stores were separated from the current serviceable stores and an improvement made in correctly showing the asset for stores at its proper value.

Assessment and Collection of Taxes.

13. The number of properties on the Assessment Book increased from 54,633 in 1902-03 to 55,216 in the year of report. The number of properties assessed for the General Tax were 42,331 against 41,613 in the previous year, the remainder being properties exempt under the law or properties of insignificant value for which bills were not issued. The rateable assessment on the properties assessed for the General Tax for the year increased from Rs. 2,68,15,493 in 1902-03 to Rs. 2,91,17,518 in 1903-04, the increase of over 23 lakhs of rupees being chiefly due to the cause mentioned in para. 7 above.

14. The demand on account of Property Taxes amounted to Rs. 54,68,322 (including amounts payable by Government and the Port Trust). With the addition of Rs. 29,293 due on account of previous years, the total demand was Rs. 54,97,616, from which sum Rs. 76,631 were allowed as $\frac{1}{3}$th drawback on the General Tax under Section 158 (2) of the Municipal Act. The realization from the General Tax came to Rs. 29,03,137 against Rs. 27,10,559 in 1902-03; from the Water Tax (including compounded charges, water rate by meter

measurement and other miscellaneous Water Works Revenue) to Rs. 15,71,566 against Rs. 15,13,976 ; and from the Halalcore Tax (including charges for special service) to Rs. 8,10,609 against Rs. 7,95,984.* The principal cause of these large increases has already been referred to.

15. The tax on vehicles and animals realized Rs. 3,84,034, against Rs. 3,62,994 in the previous year. Of this sum private vehicles and animals contributed Rs. 1,88,154 against Rs. 1,77,379 in the previous year, the remainder being obtained from public land conveyances. That only 5 motor cars and 1,369 cycles were taxed indicates that the Department was helpless against evasion of tax by these descriptions of vehicles.

16. The number of Appeals to the Chief Judge of the Small Causes Court was 123. For the two previous years the numbers were 49 and 18. The large increase was no doubt a result of the increased activity which prevailed in the Department. Only 1 appeal was allowed, 2 were dismissed, 115 were settled by consent, and 5 were pending at the end of the year.

Town Duties.

17. The gross revenue from Town Duties increased from Rs. 23,13,893 in 1902-03 to Rs. 26,15,422 in the year of report. But the export of articles which had paid duty was large, and consequently refunds amounting to Rs. 15,28,299 had to be granted against refunds amounting to Rs. 11,53,478 in 1902-03. The net result of the Town Duty Collection was therefore Rs. 10,87,123 against Rs. 11,60,415 in the previous year, notwithstanding that an increase of annas two per Bombay maund (equivalent to an increased net revenue of about Rs. 44,000) had been made in the Duty on ghee. Town Duties are a fluctuating source of revenue, the outcome of which it is difficult to estimate exactly.

Executive Engineer's Department.

18. Khan Bahadur M. C. Murzban, C.I.E., F.R.I.B.A., M.I.C.E., vacated the office of Municipal Executive Engineer on the 14th December 1903 after a meritorious service in it of over ten years, and was succeeded by Mr. Joseph Hall, M.I.C.E., M.I.M.E., &c.

19. In the General Branch of the Executive Engineer's Department a large number of works mostly of a minor character was in hand.

In the Special Drainage Branch the Fergusson Road and Chinchpokli Sectional Sewerage Works and the Parel Sectional Sewerage Works were completed ; the drainage works in connection with the scheme for subsoil and surface drainage were commenced, the expenditure up to the end of the year amounting to Rs. 2,52,937 ; contracts were given for pipes, &c., required for the Malabar Hill Sectional Sewerage Works, Sub-District No. 1 ; and various other works of a minor character were in progress.

In the Ordinary Drainage Branch 711 house-connections (street portions) were carried out at a cost of Rs. 27,707 ; the work of constructing public latrines and urinals in various parts of the City was pushed on so far as the sanctioned grants permitted ; the remodelling of house gullies in Kamathipura was completed ; and the construction of a Night-Soil Depôt at Bamnoli (Parel) was commenced.

20. The lakes and reservoirs which supply the City with water were maintained in good condition. The rainfall being plentiful (over 100 inches at each lake and so much as 129 at Tulsi), the lakes were fully replenished. Out of 37 millions of gallons of water drawn daily from the Tansa Lake, only 24 millions of gallons a day are delivered into the aqueduct, the balance

* These figures include outstandings.

being lost by evaporation and leakage. The escape by leakage must evidently be large, and it would be well if the exact quantity could be ascertained and measures taken to minimize the loss. The construction of three additional filters at the Malabar Hill Reservoir was commenced during the year, but much progress was not made. The work is very important and the Standing Committee trust an effort will be made to have it completed in time for the filters to be used during the next hot weather.

21. 329 new water-connections were made and 179 were cut off. The total number of water connections thus increased from 20,683 in 1902-03 to 20,833 in the year of report. Of these 3,208 (or only 6 more than in the previous year) were metered. A Special Officer was appointed during the year for the purpose of ascertaining the quantity of water used and wasted in the City, and he was able to trace several serious leaks in the mains by which a considerable quantity of water ran to waste.

22. 2,533 building applications were passed by the Department in the year of report, being 91 more than in the previous year. 3,789 square yards of land were added to streets at an expenditure of Rs. 1,25,719. The roads of the City were maintained in order at an expenditure of Rs. 3,92,737. The lighting of the City was done by 4,042 gas lamps and 1,765 kerosine oil lamps, the maintenance of which cost Rs. 2,33,093 and Rs. 33,819 respectively. The lighting was not satisfactory, and it is noteworthy that among other causes for this is mentioned the fact that "a large number of mantles in the gas lanterns was damaged by a species of locusts." The Municipal Offices and the Arthur Crawford Markets were lighted with electricity at a cost of Rs. 11,808.

23. A large quantity of departmental and private work was done at the Municipal Workshops, the total value of the work done being counted at Rs. 1,41,468. An experimental motor meat van commenced running between the Bandora Slaughter-houses and the Arthur Crawford Markets from 1st October 1903, and is reported to have "fulfilled all expectations" both from a financial point of view and as regards efficiency of work.

24. The Fire Brigade was maintained in a state of efficiency during the year and assisted at the putting out of 51 fires, the value of property saved from destruction being computed at Rs. 76,34,227.

25. The number of visitors to the Victoria Gardens was about 14½ lakhs, which is less by over 3 lakhs than in the preceding year, when the number was exceptionally high. Among other efforts to make the gardens more attractive to the public may be noted the playing of a band every Saturday. The maintenance charges of this garden and the eight other Municipal Gardens of the City aggregated Rs. 66,038 against Rs. 55,818 in the previous year. The Victoria and Albert Museum, situated in the Victoria Gardens, was maintained at a cost of Rs. 9,669 against Rs. 7,644 in the previous year. The number of visitors to the Museum fell from 815,936 in 1902-03 to 743,323 in the year of report.

Health Department.

26. The statistics of births and deaths given below are for the calendar year and are based on a population of 776,006.

27. A lower birth-rate and a higher death-rate indicate that the health conditions of the City were more unfavourable than in the previous year. The birth-rate was 21·16 per mille as against 22·67 in 1902; the death-rate 65·09 per mille against 62·38. The actual number of births was 16,575, and the actual number of deaths 50,513, or more than three times the births; but it must be remembered that, in spite of great improvement in birth registration, every birth that takes place in the City cannot be registered, and that many women go to their native places at the time of delivery.

28. The first four months of the year were much more unhealthy than the remaining eight, 29,545 deaths being registered in the former period against 20,968 in the latter. It is noteworthy that the Jain community which shows the highest birth-rate (35·58) also shows the highest death-rate (143·87). The lowest birth-rate (13·58) is among Brahmins, whose death-rate is as high as 60·68. The lowest death-rate (15·48) is among Europeans, and the next lowest (29·56) among Parsees, the birth-rates of these two communities (*viz.*, 14·34, and 25·26, respectively) being very near their death-rates.

29. 20,788 persons died of plague against 13,820 in the previous year. The disease was most rife in March and April, in which two months 11,602 plague deaths took place out of the total of 20,788. From Small-pox and Measles there were 2,592 deaths in 1903 against only 930 in 1902. On the other hand, there was a marked decrease in the number of deaths from Fevers, Cholera, Phthisis, Diseases of the Nervous System, Diarrhœa and Dysentery.

30. The infant mortality was as usual very large. Deaths were registered of 8,718 children under one year of age, which gives the enormous death-rate of 532·39 per 1,000 births registered.

31. Free medical aid was given to the poor by the ten Municipal Dispensaries maintained as a Plague measure and two other charitable dispensaries which receive a Municipal grant-in-aid. Besides 92,879 individual patients treated at these dispensaries 2,241 patients were treated at their houses by the medical officers in charge. The ten Municipal nurses attended 276 confinements, besides enquiring into a large number of cases of illness, deaths and births. Under the improved system of registration the number of notifications of infectious diseases received from qualified medical men increased from 1,376 in the previous year to 2,661 in the year of report.

32. At the Arthur Road Hospital, where infectious diseases other than Plague were treated, there were 1,356 admissions and 386 deaths. At the Modikhana Hospital for Plague the admissions were 1,135 and the deaths 613. During the year the trial which was being given in this Hospital to Terni's serum was brought to an end, the result being that the serum was not found efficacious. At the Maratha Plague Hospital, the admissions were 1,407 and the deaths 1,062.

33. The quantity of conservancy work done by the Department during the year is represented by 711,794 cart-loads of refuse emptied at the Tardeo Flats, and 151,208 night-soil and cesspool carts and 2,672,995 night-soil baskets emptied at Night-soil Depôts. The figures for the previous year were 719,949 cart-loads of refuse, 162,580 night-soil and cesspool carts, and 2,354,376 night-soil baskets.

License Department.

34. The number of licenses fell from 6,538 in 1902-03 to 6,474 in the year of report. Nevertheless, the revenue for License Fees was the largest yet realized by the Department, *viz.*, Rs. 73,830.

Markets.

35. The receipts from the Municipal Markets and Slaughter-houses aggregated Rs. 4,55,419 in the year of report against Rs. 4,39,561-10-2 in the preceding year. The markets and slaughter-houses were managed satisfactorily.

Primary Education.

36. The number of Municipal Schools maintained by the Joint Schools Committee remained the same as in 1902-03, *viz.*, 86, and the attendance in them was also very much the same, *viz.*, 7,115 against 7,123. Revised standards were introduced during the year and the schools were furnished with Kindergarten

appliances. Much was done in the way of improving school accommodation. The Lord Harris School Building was completed and occupied; a suitable building was purchased for the S.S. Dongalee Girls' School at Karelwady; and several other schools were removed to better quarters or had additional room provided. Encouragement was given to untrained teachers to undergo a course of training at the Training Colleges. In consequence of these measures for placing primary education in the City on a better footing the average cost per pupil rose from Rs. 18·4 in 1902-03 to Rs. 19·5 in the year of report. The number of aided schools decreased from 97 in the previous year to 94 in the year of report, and the attendance in them from 8,615 to 8,449. The total grant-in-aid to these schools came to Rs. 23,863 against Rs. 24,111 in 1902-03. The total expenditure of the Joint Schools Committee rose from Rs. 1,55,680 in the previous year to Rs. 1,62,400 in the year of report.

Audit.

37. There is nothing in the Report of the Municipal Auditors requiring special mention in this review. The Secretary should be asked to bring up for separate consideration by the Committee the points mentioned in paragraphs 7, 11, 12, 18, 19 and 20 of their Report.

Conclusion.

38. In concluding this Review the Standing Committee have pleasure in observing that the results of the year's administration are satisfactory, and reflect credit on the Commissioner and his Departments.

VITHALDAS DAMODHER THACKERSEY,
Chairman of the Standing Committee.

30*th September* 1904.

Annual Administration Report of the Municipal Commissioner for the City of Bombay for the year 1903-1904.

Introductory.

Mr. W. L. Harvey, C.I.E., I.C.S., continued to hold the appointment of the Municipal Commissioner throughout the year.

2. The general health of the City was not satisfactory, chiefly owing to Plague and Small-pox.

3. No circumstances arose in any Department of the Municipality in which it was necessary to put into operation the provisions of the Municipal Servants' Act.

I.—Corporation and Standing Committee.

CORPORATION.

4. Mr. Fazulbhoy Visram, C.I.E., was appointed President of the Corporation at a Meeting held on the 2nd April 1903. He resigned that office in October 1903.

5. Mr. James Macdonald was appointed President of the Corporation at the Meeting of the 12th November 1903 for the remaining portion of the official year.

6. Sixty-seven Meetings of the Corporation, one attendance for the presentation of an address of Welcome to Lord Lamington, Governor of Bombay, and one hundred and forty-two Meetings of Committees of the Corporations other than those of the Standing Committee were held. Twenty-four other Committee Meetings were convened but could not be held.

7. The changes that took place during the year in the *personnel* of the Corporation were as follows :—

Mr. K. M. Shroff died on the 26th April 1903, and in his place Mr. Nanabhai Nasserwanji Saher, B.A., LL.B. (Cantab), BAR.-AT-LAW, was elected by the Rate-payers on the 25th May 1903.

Mr. Rahimtoola Khairaz died on the 29th June 1903, and in his place Mr. Dinanath B. Naik, L.M. & S., was elected by the Rate-payers on the 29th July 1903.

Mr. Sundernath D. Khote died on the 3rd December 1903, and in his place Mr. Manordas Tribhowandas was elected by the Rate-payers on the 16th January 1904.

Mr. Fazulbhoy Visram, C.I.E., vacated his seat in October 1903, and in his place Khan Bahadur Abdur Ruzzak *bin* Kartas was appointed by Government on the 28th November 1903.

Mr. E. H. Aitken, B.A., resigned his seat on the 4th May 1903, and in his place Mr. J. H. Symington was appointed by Government on the 11th June 1903.

Mr. Hassambhai Visram resigned his seat on the 14th October 1903, and in his place Mr. G. B. Prabhakar, L.M. & S., L.R.C.P., was elected by the Justices on the 9th November 1903.

Mr. H. V. R. Kemball resigned his seat on the 10th October 1903, and in his place Mr. R. R. Menneer, ASSOC. M. INST. C. E., was appointed by Government on the 19th October 1903.

Mr. R. E. Money Shewan, R.E., resigned his seat on the 8th April 1903, and in his place Lt.-Col. G. M. Porter, R.E., was appointed by Government on the 12th May 1903.

8. The following Councillors were absent from the Corporation for the periods shown below for reasons approved by the Corporation under Section 17 (*b*) of the Municipal Act :—

Name.	Period.
The Hon'ble Mr. Dajt Abaji Khare	from 8th September 1903 to 31st March 1904.
Lt.-Col. H. P. Dimmock, M.D. (Durham), M.R.C.S., L.R.C.P., I.M.S.,	„ 1st April to 26th November 1903.
Mr. H. G. Gell	„ 1st April to 23rd July 1903.
Mr. Hormusji Shapurji Vakil	„ 1st June to 5th October 1903.
Mr. Muljí B. Barbhaya	„ 1st May to 12th November 1903.

THE STANDING COMMITTEE.

9. Mr. Accacio G. Viegas, L.M. & S., was appointed Chairman of the Standing Committee at the Meeting held on the 1st April 1903, and held that appointment throughout the year.

10. There were fifty-three regular Meetings and two Special Meetings of the Standing Committee and sixty-five Meetings of Sub-Committees thereof; twenty other Sub-Committee Meetings were convened but could not be held.

11. There were one hundred and sixteen attendances of members for signing cheques and fifty-one for the audit of Municipal Accounts.

12. The changes that took place during the year in the *personnel* of the Standing Committee were as follows :—

Mr. Sundernath D. Khote died on the 3rd December 1903, and in his place Mr. Kaliandas Keshavdas, B.A., was elected by the Corporation on the 7th January 1903.

Mr. Fazulbhoy Visram, C.I.E., vacated his seat in October 1903, and in his place Lt.-Col. H. P. Dimmock, M.D., I.M.S., was appointed by Government on the 1st December 1903.

13. The following is the list of Municipal Councillors who held office on the 31st March 1904 :—

MR. JAMES MACDONALD, J. P., *G—President.*

ABDUL HUSSEIN ADAMJI PIRBHAI, MR., J. P., *R.* (C Ward)
ABDUR RUZZAK BIN KARTAS, KHAN BAHADUR, J.P., *G*
ARDASIR FRAMJI UNWALLA, MR., B.A., J. P., *R* (G Ward)
BAPTISTA, JOSEPH, MR., B.A., LL.B. (Cantab.), L.C.E. (Bombay), BAR.-AT-LAW, *R* (E Ward).
BHAGWANDAS NAROTAMDAS, MR., J. P., *J*
BHAISHANKAR NANABHAI, MR., J. P., *J*
BHALCHANDRA K. BHATAWADEKAR, SIR, KT., L. M., J. P., *R* (D Ward)
BYRAMJEE NUSSERWANJEE SEERVAI, MR., J. P., *G*
CHIMANLAL H. SETALWAD, THE HON'BLE MR., B.A., LL.B., J. P., *U*
CUFFE, T. W., MR., J. P., *C C*
DARASHAH RATANJI CHICHGUR, THE HON'BLE KHAN BAHADUR, J. P., *J*
DAVID, SASSOON J., MR., J. P., *G*
D'MONTE, DOMINICK A., MR., M.D., L.R.C.P. (London), L. M. & S., M.R.C.S., L.M.F.P.S.A., F.R.G.S., M.R.A.S., J. P., *J*
DHAKJI KASHINATHJI, RAO BAHADUR, J.P., *R* (C Ward)
DIMMOCK, H. P., LIEUT.-COL., M.D. (Durham), M.R.C.S., L.R.C.P., I.M.S., J. P., *G*
DINANATH BALKRISHNA NAIK, MR., L.M. & S., J.P., *R* (B Ward)
DINSHA BOMANJI PESTONJI MASTER, MR., L.M. & S., J. P., *J*
DINSHAW EDULJI WACHA, MR. J. P., *R* (A Ward)
EKNATH RAGHUNATH KHOTE, MR., J. P., *J*
ELAPPA BALARAM, RAO BAHADUR, J. P., *R* (E Ward)
FAZALBHAI JUMABHAI LALJI, MR., *R* (B Ward)
FAZALBHAI KARIMBHAI IBRAHIM, MR., *R* (B Ward)
GELL, H. G., MR., J. P., *G*
G. B. PRABHAKAR, MR., L.M. & S., L.R.C.P., J. P., *J*
GREAVES, HERBERT R., MR., J.P., *C C*
HARI SITARAM DIKSHIT, THE HON'BLE MR., B.A., LL.B., *R* (D Ward)
HORMUSJI SHAPURJI VAKIL, MR., J. P., *R* (C Ward)
HURKISONDAS NAROTUMDAS, SIR, KT., J. P., *G*
HUSEIN S. KHALIL, MR., BAR.-AT-LAW, *R* (C Ward)
IBRAHIM RAHIMTOOLA, THE HON'BLE MR., J. P., *J*
JAFARBHAI RAHIMTULA, MR., B.A., BAR.-AT-LAW., J. P., *R* (B Ward)
JAGMOHANDAS VARJIVANDAS, MR., J. P., *R* (C Ward)
JAMSETJI CURSETJEE JAMSETJI, MR., J. P., *J*
JAMSETJEE JEJEEBHOY, SIR, BART., J. P., *G*
JAMSHEDJI ARDASIR WADIA, MR., J. P., *J*
JEHANGIR BOMANJI PETIT, MR., *R* (D Ward)
JEHANGIR J. KHARSETJI, MR., M.D., *R* (C Ward)
KAIKHOSRO NOWROJI KABRAJI, MR., J. P., *G*
KALIANDAS KESHAVDAS, MR., B.A., J. P., *R* (A Ward)
KARAMALI PIRBHAI HAJI, MR., *R* (B Ward)
KARIMBHAI ADAMJI PIRBHAI, MR., *R* (G Ward)
KAVASJI EDALJI DADACHANJI, MR., L.M. & S., *R* (D Ward)
KAZI KABIRUDIN KAZI MOULVI BAKIR, MR., BAR.-AT-LAW, J. P., *R* (E Ward)
KHARSEDJI NASARWANJI WADYA, MR., *R* (F Ward)
LUND, G., MR., J. P., *G*
MAHOMEDBHAI KARIMBHAI IBRAHIM, MR., J. P., *R* (F Ward)
MANMOHANDAS RAMJI, MR., J. P., *R* (C Ward)
MANORDAS TRIBHOVANDAS, MR., *R* (D Ward)
McKENZIE, A., MR., J. P., *G*
MCNEER, R. R., MR., A.M.I.C.E., *G*
MIR AUN ALI, MR., BAR.-AT-LAW, J. P., *J*
MULJI B. BARBHAYA, MR., J.P. *G*
NADIRSHAW HORMUSJI EDULJI SUKHIA, MR., L.M. & S., L.T. SC., Mem. Sanit. Inst. (London), *R* (A Ward)
NANABHAI NASSARWANJI SAHER, MR., B.A., LL.B. (Cantab.), BAR.-AT-LAW, *R* (A Ward)
NANABHAI NAVROSJI KATRAK, MR., L. M. & S., J. P., *R* (A Ward)
NOWROJI JEHANGIR GAMADIA, MR., J.P., *R* (A Ward)
PHEROZESHAH M. MEHTA, THE HON'BLE MR., M.A., C.I.E., BAR.-AT-LAW, J. P., *J*
PORTER, G. M., LIEUT.-COL., R. E. *G*
REISCH, S., THE HON'BLE MR., M. INST. C. E., J. P., *G*
RASTAM K. R. KAMA, MR., B.A., LL.B., *U*
RUSTOMJEE BYRAMJEE JEJEEBHOY, MR., J. P., *J*
SARAFALI MAMOOJI, MR., *R* (B Ward)
SORABJI KHARSETJI DHONDI, MR., *R* (E Ward)
SYMINGTON, J. H., MR., J.P., *G*
UNDERWOOD, CHARLES H. FREEMAN, MR., M.D., L.R.C.P. (Ireland), J. P., *J*
VIEGAS, ACCACIO GABRIEL, MR., L.M. & S., J. P., *R* (B Ward) (Chairman, Standing Committee).
VITHALDAS DAMODAR THACKERSEY, THE HON'BLE MR., J. P., *R* (C Ward)
VITHALRAO KRISHNAJI VANDEKAR, RAO BAHADUR, J. P., *R* (B Ward)
HAJI YOOSOF HAJI ESMAIL, MR., J. P., *R* (E Ward)

NOTE.—The letters against the names signify—*R*, that the member was elected by the Rate-payers; *J*, by the Bench of Justices; *C C*, by the Chamber of Commerce; *U*, by the University; and *G*, appointed by Government.

II.—Heads of Departments.

14. Khan Bahadur M. C. Murzban, C.I.E., held the office of the Executive Engineer till the 14th December 1903, when he was relieved by Mr. Joseph Hall, M. Inst. C. E., M. I. Mech. E., &c., who took charge on the 15th December 1903, and continued to hold the office till the end of the year.

15. Mr. C. C. James, Deputy Executive Engineer, Drainage, Special Branch, was on furlough for 6 months and 11 days from the 1st June 1903, and Mr. N. Maughan, Deputy Executive Engineer, Drainage, Ordinary Branch, carried on the duties in addition to his own.

16. Mr. A. F. Bruce, Deputy Executive Engineer, Water Works, was on 3 months' privilege leave from the 26th February 1904, and Mr. N. D. Bhada was appointed to act for him.

17. Dr. J. A. Turner, M.B., D.PH., continued to hold the appointment of the Executive Health Officer throughout the year and was assisted by Doctors C. H. Cayley, W. Venis and Sorab C. Hormusji, the three Divisional Health Officers.

18. Khan Bahadur Dr. N. H. Choksy, Special Assistant Health Officer, was on privilege leave for 3 months from the 18th July 1903, during which time his work was looked after by Doctors R. N. Ranina and A. D. Contractor.

19. Mr. W. E. Waite, Chief Accountant, was on privilege leave from the 8th August to the 12th September 1903, during which period Mr. Manecksha Cawasha Taleyarkhan, Deputy Accountant, acted for him.

20. Mr. R. P. Brunton, Assessor and Collector, was on privilege leave from the 16th April 1903 to the 18th June 1903, during which period Mr. Behramji D. Banaji, First Assistant Assessor, acted for him.

21. Mr. M. N. Wadia, Municipal Secretary, was granted privilege leave from the 8th May to the 3rd July 1903, and Mr. R. P. Masani, M.A., Office Manager, was appointed to act for him.

22. Mr. Sorabji Bomanji Master continued to act as Revenue and Refund Audit Officer till the 7th January 1904, when Mr. W. Pearson returned from leave and took charge of the office of the Revenue and Refund Audit Department. Dr. K. B. Shroff continued to act as Superintendent of Licenses till relieved by Mr. S. B. Master on the 7th January 1904.

23. Mr. R. M. Dixon continued to act as Secretary and Curator, Victoria and Albert Museum, till the 27th June 1903, when Mr. Cecil L. Burns was appointed Secretary and Curator.

24. Mr. N. B. Masani, Secretary, Joint Schools Committee, was on privilege leave from the 20th April 1903 to the 3rd July 1903, during which period Mr. R. S. Taki, Deputy Educational Inspector, Marathi Schools, acted for him.

25. Mr. C. D. Mahalaxmiwala continued as Superintendent of Gardens throughout the year.

26. Mr. D. Bennett continued as Superintendent of Markets and Slaughter-houses throughout the year.

27. Mr. W. Nicholls continued as Chief Officer, Fire Brigade, throughout the year.

28. Mr. Anandrao Wamon Shete continued as Assistant to the Municipal Commissioner and Superintendent of Printing and Stationery throughout the year.

III.—Financial.

I.—General.

29. The year opened with a working cash balance of Rs. 22,72,565-4-0. The revenue for the year amounted to Rs. 84,82,625-10-1, while the expenditure amounted to Rs. 84,31,389-12-8, thus showing a surplus of Rs. 51,235-13-5, which went to increase the balance at the close of the year. The year closed with a working cash balance of Rs. 23,00,702-3-10.

30. The closing cash balance shewn above includes advances aggregating Rs. 1,82,762-6-1 made for administrative purposes, Rs. 4,95,791-15-5 to be renewed during 1904-05 on account of lapsed grants for 1903-04 and previous years, and Rs. 5,46,176-13-11 on account of deposits and other liabilities to be discharged. The unhypothecated balance at the close of the year, therefore, amounts to Rs. 10,75,971-0-5.

31. The Surplus Cash Balance at the close of the year, as shewn in Appendix No. 6 of the Chief Accountant's Report, amounts to Rs. 17,04,910-4-5, which shows a satisfactory increase of Rs. 2,47,910-4-5 on the latest estimate. From this balance, however, have to be deducted certain amounts aggregating Rs. 2,71,370 already hypothecated for different purposes, thus leaving an available balance of Rs. 14,33,540-4-5 as shewn in para. 30 of the Chief Accountant's Report. The latter balance will be further entrenched upon to the extent of any extra grants that may be sanctioned up to the close of 1904-05 and the contribution payable to the City Improvement Trust on 1st April 1905.

II.—Income.

32. It is gratifying to observe that the income realized in the year was the highest ever received by the Municipality at the prevailing rates of taxation. The amount realized, *viz.*, Rs. 84,82,625-10-1, was better than the original estimate by Rs. 4,72,625-10-1, the increase being principally obtained from the Property Taxes, Wheel-tax and Tolls, Town and Tobacco Duties, Licenses, Markets and Miscellaneous Receipts, Miscellaneous Fees, and Interest on investments. The most noticeable feature in the income realizations for the year under review is the considerable increase obtained from the Property Taxes, which result was achieved by a careful revision of assessment of properties in the City on the lines of the valuations made for acquisitions by the City Improvement Trust on the basis of valuations fixed by Courts of Law, and by special inspection of buildings.

33. The taxes and duties levied during the year were the same as in the preceding year, with the exception of the duty on Ghee, which was raised from As. 8 to As. 10 per maund. The incidence of taxation per head of population was increased from Rs. 9-1-11 in the preceding year to Rs. 9-6-11 in the year under review.

34. As compared with the revised estimate, there is an increase of only Rs. 95,844-6-1 or of only 1·14 per cent. This approximation of the actuals to the revised estimate, which is the result of the great care bestowed on framing estimates, may be considered very satisfactory.

35. Comparing the actual receipts with those in the preceding year it will be found that there is an appreciable increase of Rs. 3,06,937-8-10, of which Rs. 2,64,793-8-0, or 86·2 per cent., were obtained from the Property Taxes alone. The rest of the increase was principally derived from Wheel-tax and Tolls and Market Receipts. It will be seen from para. 17 of the Chief Accountant's Report that the permanent increase in the principal sources of income is brought out at over Rs. 4 lakhs.

III.—Expenditure.

36. The expenditure for the year amounted to Rs. 84,31,389-12-8 against the finally sanctioned grants aggregating Rs. 90,86,673-10-3, leaving an unexpended balance of Rs. 6,55,283-13-7 at the close of the year. The amount required to be renewed in 1904-05 from the latter amount to meet the undischarged liabilities incurred during the year is Rs. 4,95,791-15-5, and the net saving thus amounts to Rs. 1,55,871-14-0, which principally accrued under Public Works (Engineer's Department), New Works and Public Health Department.

37. As compared with the preceding year, the expenditure for the year under review shews a net decrease of Rs. 22,008-5-0, there being several increases and decreases throughout the various service heads. In para. 28 of the Chief Accountant's Report he has shewn that, on the whole, the permanent increases were fairly counterbalanced by permanent decreases, the only exception being under the head "Interest on Loans," in which the permanent increase has been put in round figures at Rs. 40,000.

38. The result of the year's working shews that the expansion of revenue combined with a careful economy in the expenditure, has tended to improve to a considerable extent the financial position of the Municipality, which in the beginning of the year caused some anxiety owing to the increased demands for sanitary purposes, heavy plague charges and the contribution payable to the City Improvement Trust.

39. The amount of lapsed grants proposed to be renewed in 1904-05 shews a very satisfactory reduction of over Rs. 2 lakhs as compared with the preceding year. This is, no doubt, the result of the persistent efforts made to obtain from heads of departments bills for all the liabilities incurred during the year for inclusion in the accounts for the year as far as practicable.

IV.—Loan and Plague Expenditure.

40. On Loan Works Rs. 6,45,522-4-4 were expended against Rs. 5,47,412-0-8 spent in the previous year. The increase appears entirely under Water Works and Sanitary and Miscellaneous Works.

41. The outlay on plague measures amounted to Rs. 2,43,888-4-5, or Rs. 12,497-2-9 more than in the previous year, the increase being solely due to certain arrear recoveries having been made in 1902-03.

42. The expenditure incurred during the year on Health Camps and Discretional Relief, which was met from funds allotted by Government for the purpose, amounted to Rs. 12,016-2-2 and Rs. 3,655-6-6, respectively.

43. The total expenditure on plague measures in the City from the commencement of the operations to the close of the year under report, including the outlay on Health Camps and Discretional Relief, was increased from Rs. 60,61,248-1-6 at the close of 1902-03 to Rs. 63,20,807-14-7 at the close of 1903-04, of which Rs. 17,74,174-1-11 were met from the Government grants, Rs. 20 lakhs from the loan raised by the Municipality, and the balance of Rs. 25,46,633-12-8 by a temporary advance from Loan fund balances.

V.—Debt and Sinking Fund.

44. During the year Rs. 3¾ lakhs, being the last and final instalment of the 24¾ lakhs loan, were raised from the Public. This loan was taken up at 102⅞ per cent. net and the premium realized was Rs. 10,781-4-0, which, after meeting therefrom stamp, etc., charges on the loan, was added to the premia fund.

45. The payments made by the Municipality during the year towards the reduction of debt amounted to Rs. 1,10,404-10-10. The net addition to the Capital Debt of the Municipality was, therefore, Rs. 2,64,595-5-2, and the total debt was thus increased from Rs. 4,71,55,760-10-3 to Rs. 4,74,20,355-15-5.

Against this debt the total Sinking Fund invested up to the close of the year amounted to Rs. 46,95,890-15-5, including Rs. 5,73,101-14-5 invested during the year. Taking this invested fund as a set-off against the gross debt of the Municipality, the net liability can be taken at Rs. 4,27,24,465. In regard to the sufficiency of the Sinking Fund, attention is invited to para. 33 of the Chief Accountant's Report.

VI.—Assets and Liabilities.

46. The assets and liabilities of the Municipality at the close of the year as compared with the preceding years stand as follows :—

	At the close of 1902-03.	At the close of 1903-04.	Increase.
	Rs.	Rs.	Rs.
Assets	6,46,91,354 15 1	6,56,68,419 12 7	9,77,064 13 6
Liabilities	4,95,86,135 3 0	5,00,30,240 5 4	4,44,105 2 4
Excess of assets over liabilities Rs.	1,51,05,219 12 1	1,56,38,179 7 3	5,32,959 11 2

47. The assets are represented by (1) Cash balance and investments, Rs. 94,20,105-2-2 ; (2) Advances recoverable, Rs. 1,82,762-6-1 ; (3) Reserve stock, including surplus and obsolete stores, Rs. 7,17,252-12-9 ; (4) Landed and other properties, Rs. 5,35,09,191-15-7 ; and (5) Land transferred to the City Improvement Trust, Rs. 18,39,107-8-0.

48. Of the liabilities, Rs. 4,74,20,355-15-5 represent the Capital Debt ; Rs. 6,51,992-9-10, deposits lodged by contractors and others ; Rs. 1,18,784-4-1, undischarged liabilities and other items ; and Rs. 18,39,107-8-0, the book-value of the land transferred to the City Improvement Trust.

49. The increase in the assets is attributable principally to the expenditure incurred on sewerage, water, etc., works during the year and additions made to the Sinking and other invested funds and the nominal increase in reserve stock. The increase under liabilities is accounted for chiefly by the augmentations in (1) Municipal debt consequent on the raising of the new loan, (2) deposits, and (3) cheques payable.

50. In regard to the revaluation of Reserve Stock and Municipal Properties, attention is invited to para. 43 of the Chief Accountant's Report. Further improvement will be made in this direction during the present year.

VII.—Special.

51. In accordance with the report of the Special Officer appointed by the Corporation to overhaul the stores and store accounts, the surplus and obsolete stores have now been separated from the general and serviceable stores. When the former class of stores is disposed of, the value of the serviceable stores in hand will represent an actual asset of the Municipality.

52. Out of the total reserve stock balance on 31st March 1904, amounting to Rs. 7,17,252-12-9, Rs. 4,02,258-6-9, or 56·08 per cent., represent the value of the surplus and obsolete stores, which will have to be disposed of to the best advantage as opportunities occur.

53. The new central stores have now been established, a manual has been prepared for the guidance of the stores and other departments of the Municipality, and a vigilant audit check is now exercised over the purchase of all stores. These measures will, it is expected, prevent any future accumulation of useless stores.

54. The Water Works income and expenditure account shows a deficit of Rs. 1,16,285-5-2, which was met from the current revenues of the Municipality. The deficit in the preceding year was Rs. 1,50,978-12-2.

55. The Surplus of Rs. 1,01,788-10-10 in the receipts from Fire Tax shewn in the last report has been increased, during the year under review, to Rs. 1,07,704-1-10.

56. As required in the Standing Committee's Resolution No. 12212, dated 2nd February 1892, the net revenue and net expenditure for 1903-1904 and the preceding year are given in the following statement :—

Particulars.	1902-03.	1903-04.
	Rs. a. p.	Rs. a. p.
Net Revenue after deducting Refunds, Drawbacks and Charges in respect of Assessment and Collection and granting of Refunds.		
General Tax	24,93,188 5 8	26,71,489 2 3
Fire Tax	15,054 11 1	9,972 11 7
Wheel-tax and Tolls	3,56,577 12 8	3,90,339 8 8
Town Duties	11,27,027 5 7	10,72,157 0 3
Receipts from Government for Liquor Licenses and Tobacco Duty.	3,87,841 10 1	3,83,813 11 0
Market Receipts	2,92,694 13 3	2,99,193 9 2
Returns from other Property and Miscellaneous	2,04,598 15 1	2,71,162 5 4
Net Receipts ... Rs.	48,76,983 9 5	50,98,128 0 3
Deficit ... Rs.	**2,77,710 0 5**	.....
Total ... Rs.	51,54,693 9 10	50,98,128 0 3
Net Expenditure after deducting Receipts.		
General Superintendence	1,89,509 2 2	2,03,596 8 3
Public Gardens	48,193 11 1	56,025 11 11
Public Works (Engineer's Department, excluding Water Works)	12,41,750 2 9	13,10,302 15 7
Water Works	1,50,978 12 2	1,16,285 5 2
New Works (excluding Water Works)	69,355 3 3	66,955 11 6
Public Health Department (excluding Markets)	9,82,241 15 8	9,18,385 8 6
Municipal Debt (excluding Water Works)	10,82,543 4 0	12,95,154 10 3
Police	5,97,504 1 3	5,00,381 6 0
Education	1,10,473 12 1	1,12,857 11 3
Hospitals	56,290 8 9	54,625 3 1
Pensions, Gratuities, and Compassionate Allowances	46,093 1 11	34,128 9 1
Miscellaneous	79,759 14 9	28,192 14 3
Contribution to the City Improvement Trust	5,00,000 0 0	3,50,000 0 0
Net Expenditure ... Rs.	51,54,693 9 10	50,46,892 2 10
Surplus ... Rs.	.....	51,235 13 5
Total Rs. ...	51,54,693 9 10	50,98,128 0 3

57. The revenue, expenditure and balances of the last five years have been contrasted in the following table :—

	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.
	Rs.	Rs.	Rs.	Rs.	Rs.
Revenue	(a) 88,29,817	(d) 84,02,848	(g) 77,66,730	(j) 81,75,638	(n) 84,82,626
Expenditure	73,92,479	(e) 85,84,058	(h) 82,26,458	(k) 84,53,398	84,31,390
Closing balance (including recoverable advances to Loan Works, Reserve Stock, &c., and excluding Minor deposits, &c.)	(b) 38,35,368	(f) 37,04,157	(i) 32,44,429	(m) 29,66,719	(o) 30,17,955
Add—Recoverable Revenue Outstanding	1,68,000	3,56,000	2,28,000	1,75,000	2,93,800
	40,53,368	40,60,157	34,72,429	31,41,719	33,11,755
Deduct—Uncompleted works, &c., the unexpended balances of the grants for which were required for payment in the following year	(c) 9,34,073	8,16,939	6,00,431	(l) 7,07,652	4,95,792
Net workable balance available for requirements of the following year	(b) 31,19,295	(f) 32,43,218	(i) 28,71,998	(m) 24,34,067	(o) 28,15,963

(a) In this year the General Tax was raised from 9½ to 12½ per cent. and the duty on grain was increased from 4 annas to 6 annas per candy. The amount of Rs. 88,29,817 included an abnormally high revenue from Town Duties amounting to about Rs. 2 lakhs and a quarter.

(b) Excluding Rs. 8,33,634 on account of the value of Reserve Stock in hand on 31st March 1900, the net closing balances amounted to Rs. 30,51,734 and Rs. 22,85,661, respectively.

(*For further notes see next page.*)

IV.—Assessment and Collection of Revenue.

58. The total amount collected under all heads, exclusive of Miscellaneous Receipts, was Rs. 54,46,544-11-10 against the estimate of Rs. 51,62,015. The amount of Miscellaneous Receipts aggregated Rs. 28,382-1-4 against Rs. 26,018-4-3 during 1902-03.

59. The number of properties in the Assessment Book on the 31st March 1904 was 58,216 against 54,633 for the preceding year.

60. Complaints against the Assessment numbered 6,582.

61. There were 123 appeals to the Chief Judge of the Small Causes Court, of which 1 was allowed, 2 were dismissed, 115 were settled, and 5 were pending at the close of the year.

REVENUE AUDIT.

62. The books and balances of the Ward Clerks in the 7 Ward Offices were duly examined at the end of each quarter, and the bills checked in detail after comparison with the Head Office accounts. The Assessment Books in the Head Office were also examined with a view to ascertain that no taxation of property had been evaded. The revenue from public land conveyances was also audited, and certificates of issue of licenses were duly checked with the register. The number of claims for 1/5 draw-back aggregated 15,789, of which 10,665 were admitted, 11,885 entries relating to alteration in valuation and in demand were checked. The number of complaints against valuation under Section 163 of the Municipal Act heard by the Revenue and Refund Audit Officer aggregated 874 against 933 for the previous year, and the number of decisions on complaints against amendments under Section 167 scrutinized amounted to 287 against 361 for the past year. The books of the toll farmers at Mahim and Sion Causeways were checked, as also the revenue receipts and vouchers of the different departments.

63. The number of claims to refund for vacancy under Sections 174 to 179 and on account of over-collections scrutinized and sanctioned aggregated 1,626, representing Rs. 30,219-10-6.

TOWN DUTIES.

64. The total collections for the year amounted to Rs. 26,15,422-11-0 against Rs. 23,13,893-14-9 in the past year. Out of this the amount refunded was Rs. 15,28,299-9-0, showing the net revenue of Rs. 10,87,123-2-0 against Rs. 11,60,415-11-9 for the preceding year.

65. The number of refund claims dealt with was 41,247 against 44,633 for the past year. During the year the discussion with the Chamber of Commerce regarding the substitution of a system of light duties without refund for the existing system came to a close. The proposals of the Chamber were on examination found to be imperfect in detail and unworkable and were finally withdrawn.

(c) Excluding Rs. 17,838 on account of certain lapsed grants not renewed in 1900-1901.

(d) The outstandings of rates and taxes at the close of the year amounted to Rs. 3,74,234 against Rs. 1,81,562 in the preceding year.

(e) Includes Rs. 4,74,605 on account of the first contribution paid to the City Improvement Trust and increased expenditure under Municipal Debt, Public Health and Engineer's Departments, &c., and grain compensation to Municipal employés.

(f) Excluding Rs. 7,20,457 on account of the value of Reserve Stock on hand on 31st March 1901, the net closing balances amounted to Rs. 22,93,700 and Rs. 25,52,761, respectively.

(g) In this year the General Tax was reduced from 12½ to 10½ per cent. and the duties on grain and firewood from annas 6 and annas 2 per candy, respectively, to annas 4 and anna 1 per candy.

(h) In this year the levy of water charges on Municipal Buildings, except those actually let, was discontinued under legal advice, and grain compensation to Municipal employés was stopped.

(i) Excluding Rs. 7,10,597 on account of the value of Reserve Stock on hand on 31st March 1902, the net closing balances amounted to Rs. 23,33,833 and Rs. 24,61,101, respectively.

(j) Includes an abnormal revenue from Town Duties. In this year the duty on Ghee was reduced from annas 10 to annas 8 per maund.

(k) Includes arrears of Police charges, contribution towards the celebration of the Coronation Festivities in Bombay, larger contribution paid to the City Improvement Trust, and other items.

(l) Includes full outstanding interest charges on the Municipal Loans, while the amount renewed in the previous year was short by one lakh owing to a smaller provision made in the budget.

(m) Excluding Rs. 6,94,154 on account of the value of Reserve Stock on 31st March 1903, as per books, the closing balances amounted to Rs. 22,73,565 and Rs. 17,39,913, respectively.

(n) In this year the duty on Ghee was raised from annas 8 to annas 10 per maund and there was a considerable increase from property taxes.

(o) Excluding Rs. 7,17,253 on account of the value of Reserve Stock on hand on 31st March 1904, the net closing balances amounted to Rs. 23,99,702 and Rs. 20,98,710, respectively.

V.—Public Works.

DRAINAGE.

66. The machinery at the Colaba Air Compressor Station and the several Ejector Stations and at the Love Grove Air Compressor Station worked satisfactorily during the year, except that at the latter station an accident occurred on the 20th June 1903, which involved serious damage to No. 3 Compressor Engine.

67. The engines and pumps at the Love Grove Pumping Station also worked satisfactorily except on one occasion when there was a total stoppage of a short duration caused by the fracture of a pump gland of No. 4 engine on the 11th December 1903 at a time when No. 4 engine was the only engine at work.

68. The street portions of house drainage connections carried out numbered 711 at a cost of Rs. 27,707-2-4.

69. Latrines and urinals at different places have been constructed to meet the public convenience.

70. Works in connection with the sanitary arrangements of the various Health Camps, Observation Camps and Plague Hospitals were carried out by the Drainage Department, Ordinary Branch.

71. Several works executed by the Drainage Department, Special and Ordinary Branches, have been detailed in the Executive Engineer's report.

WATER WORKS.

72. *Tansa Lake.*—The rainfall for 1903 was 103·12 inches against 89·87 inches for 1902. The total quantity of water received in the lake was 49,087 millions of gallons or 62·4 per cent. of the rainfall on the catchment area of 52·5 square miles.

73. *Vehar Lake.*—The rainfall for 1903 was 102·30 inches against 72·92 inches for 1902. The total quantity of rain which fell on the whole of the drainage area of 3,900 acres was about 9,051 millions of gallons, of which about 8,510 millions of gallons or about 94 per cent. of the total rainfall reached the lake.

74. *Tulsi Lake.*—The rainfall for 1903 was 129·16 inches against 93·19 inches for 1902. The total quantity of rainfall on the whole drainage area of 1,700 acres was 4,981 millions of gallons, of which about 4,454 millions of gallons reached the lake, this is about 89 per cent. of the total rainfall. During the year there was no burst in the mains of the Salsette Division.

75. *Supply and Distribution.*—In the body of the Executive Engineer's report will be found the descriptions of the several mains either laid or sanctioned. There were 70 bursts in different mains, 329 new connections were made, and 179 connections were cut off for various reasons. The total number of connections at the end of the year was 20,833 and the number of meters in use was 3,208.

REGULATION OF STREETS AND BUILDINGS.

76. The number of applications for permission to either build or rebuild houses, &c., aggregated 2,605 or were 125 more than in the preceding year, 372 notices were issued for the removal of unsafe, dangerous or ruinous buildings which were all complied with either partly or wholly. Notwithstanding this, 25 buildings or parts of buildings which did not attract the notice of the Engineering Department collapsed. In 21 cases no injury was done to life, but in 4 cases 5 persons were killed and 7 injured. 3,789·07 square yards of ground at a cost of Rs. 1,25,719-11-11 have been added to streets.

ROADS.

77. The area of roads metalled during the year was 11,323,207 square feet at a cost of Rs. 2,80,379-10-0, the rate for metalling working out at 4·75 pies per square foot. The total quantity of road metal purchased was 1,301,514 cubic feet at a cost of Rs. 76,463-15-2.

78. The following roads were taken over from the City Improvement Trust and declared public:—

NEW NAGPADA ROAD.

1st	Peer Khan	Street.
2nd	,,	,,
3rd	,,	,,
4th	,,	,,

79. 902 trees with tree guards have been provided along different roads in the City.

PUBLIC LIGHTING.

80. The total number of gas lamps at the end of the year was 4,042, and the total number of kerosine oil lamps was 1,765. The total cost of gas lighting amounted to Rs. 2,33,098-13-2, and the total net cost of kerosine oil lighting to Rs. 33,819-0-8. The total cost of lighting by electricity the Municipal Offices and the Crawford Markets amounted to Rs. 11,808-13-8.

MUNICIPAL WORKSHOPS.

81. The Municipal Workshops kept in repair numerous articles of plant and machinery used by different Departments, and a large number of new works were executed there. The suit filed by Government for the recovery of the ground occupied by the Workshops and the Health Department Stables was decided against the Municipality. An appeal, however, has been filed against the decision.

82. The total cost of working the hydraulic lift amounted to Rs. 1,696-15-2.

INSPECTION, IMPROVEMENT AND DEMOLITION OF INSANITARY BUILDINGS UNDER THE EPIDEMIC DISEASES ACT.

83. 405 houses were inspected, of which 313 houses were found more or less in need of improvement, 91 were found incapable of improvement and 1 did not require any improvement. 93 houses and sheds were demolished by the Municipality, and 176 houses for which improvement notices were served were demolished by the owners. The overcrowding in houses has been abated in 94 cases.

FIRE BRIGADE.

84. The Fire Brigade was maintained in a state of efficiency. The estimated damage to property by fires amounted to Rs. 10,94,563. Several members of the Brigade received injuries at fires, but they were not serious, except in the case of a tindal, who had to be invalided from service on account of the injuries received by him while in the execution of duty. The water-supply on the whole was satisfactory.

85. There were 92 calls of fire, of which 14 proved false alarms.

PUBLIC GARDENS.

86. The following gardens were maintained during the year:—

Victoria Gardens.	Falkland Road Garden.
Elphinstone Circle Garden.	Dick's Tank Garden.
Northbrook Garden.	Municipal Office Garden.
Malabar Hill Garden.	Sir Cowasji Jehangir Garden.
Bazar Gate Garden.	

87. 1,459,605 persons visited the Victoria Gardens during the year against 1,786,764 persons during the preceding year.

88. Arrangements have been made for the Railway Volunteer Bands to play every Saturday, weather permitting, and additional seats have been provided near the Band Stand for the convenience of the public.

89. The elephant rides have continued to be popular with the public.

VICTORIA AND ALBERT MUSEUM.

90. The Museum was open to the public during 312 days of the year. The total number of visitors was 743,323, giving a daily average attendance of 2,382. The daily average for the preceding year was 2,606.

91. The Curator gives an interesting account of the measures he is taking to reorganize and develop the arrangements of the Museum.

VI.—Public Health.

92. The state of the public health during the year was somewhat worse than in the previous year. Exclusive of still-born the number of deaths was 50,513, being 2,099 more than in the previous year. There were 20,788 deaths from plague and 1,477 deaths from small-pox against 13,820 and 288 respectively in 1902. The Executive Health Officer describes in his report the measures adopted by him in combating the epidemics of plague and small-pox.

93. The number of births registered during the year was 16,395, being 1,224 less than in the previous year.

94. Two new burial grounds were opened at Narelwady during the year, one for the interment of the Shia Ashna Ashari Ismaeli Moman community and the other for the Dawoodi Borah community.

95. The ten Municipal Dispensaries which were open throughout the year have done satisfactory work. 84,886 new cases were treated at these Dispensaries.

LICENSES.

96. The license fee receipts amounted to Rs. 73,830 against Rs. 72,028 during the preceding year, the number of licenses issued being 6,474 against 6,538.

MARKETS.

97. The total revenue from Markets and Slaughter Houses was Rs. 4,55,419-0-9 against Rs. 4,39,561-10-2 in the preceding year.

98. The quantity of unwholesome food, mostly consisting of meat and fish, destroyed was 131,574 lbs. against 103,247 lbs. destroyed last year.

VII.—Education.

99. The Government grant was raised from Rs. 42,666 to Rs. 72,768 from the 1st October 1903, but as the Municipality did not raise the amount of their contribution from Rs. 80,000, Government withheld the payment at the increased rate. However, under Section 120 (c) of the Municipal Act, Rs. 5,167 were received from Government in addition to Rs. 42,666.

100. The number of Municipal Schools at the close of the year was 86, the same as last year with 7,115 pupils against 7,123 for the preceding year.

101. The number of aided schools was 94 with 8,449 pupils against 97 with 8,615 pupils during the preceding year. The total amount of grant-in-aid paid was Rs. 23,863-6-6 against Rs. 24,111-14-4 awarded in 1902-03.

W. L. HARVEY,

Municipal Commissioner for the City of Bombay.

CHIEF ACCOUNTANT'S REPORT

FOR 1903-1904.

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FINANCIAL.

REPORT OF MR. W. E. WAITE, Chief Accountant, for the financial year 1903-04, as forwarded with his No. 3794, dated 29th July 1904.

I have the honour to submit my Annual Report on the Accounts of this Municipality for the financial year ending 31st March 1904.

GENERAL RESULTS.

Income and Expenditure.

2. The income for the year is the highest that has ever accrued to the Municipality at the rates of taxation prevailing, and aggregated Rs. 84,82,625-10-1. The expenditure amounted to Rs. 84,31,389-12-8. There was thus a surplus of Rs. 51,235-13-5 (as brought out in Appendix No. 1), which went to increase our revenue balances. When framing the budget estimates for the year, a deficit of Rs. 3,02,875 was anticipated. The actuals for the preceding year, 1902-03, brought out a deficit of Rs. 2,77,710-0-5.

On the original budget estimate of Rs. 80,10,000 the income realized shews an increase of Rs. 4,72,625-10-1 and on the revised estimate of Rs. 83,86,781-4-0 there is an increase of Rs. 95,844-6-1.

The expenditure for the year, *viz.*, Rs. 84,31,389-12-8, shews an increase of Rs. 1,18,514-12-8 over the original budget estimate of Rs. 83,12,875.

As compared with the finally amended estimate of Rs. 90,86,673-10-3 (*vide* Appendix No. 5) there was an unexpended balance of Rs. 6,55,283-13-7, out of which renewals of grants to the extent of Rs. 4,95,791-15-5 are required to be made for meeting expenditure in 1904-05 and future years. Thus the net savings on the final estimates for the year aggregate Rs. 1,59,491-14-2, of which Rs. 3,620-0-2 were taken credit for in the revised estimate for 1903-04. The unappropriated savings, therefore, amount to Rs. 1,55,871-14-0.

Opening and Closing Working Balances.

3. Including recoverable advances to the extent of Rs. 4,51,930-10-10 made for administrative purposes, and including also Rs. 7,07,651-9-10 reserved for the renewal of lapsed grants for 1902-03 and previous years, the year opened with a working cash balance of Rs. 22,72,565-4-0. It closed with a balance of Rs. 23,00,702-3-10, of which Rs. 1,82,762-6-1 represent recoverable advances made for administrative purposes, and Rs. 4,95,791-15-5, the sum required for the renewal of lapsed grants for 1903-04 and previous years.

Reserve Stores Stock.

4. The values assigned to the stores in stock at 31st March 1904, *including surplus and obsolete stores of the value of* Rs. 4,02,258-6-9, aggregated Rs. 7,17,252-12-9 as compared with Rs. 6,94,153-15-2 at the beginning of the year. There was thus a nominal increase of Rs. 23,098-13-7.

Additional and Lapsed Grants.

5. The sums made available for expenditure during the year in addition to the original budget grants, aggregated Rs. 8,26,178-15-11. The grants lapsing to surplus cash balance and requiring renewal in 1904-05 aggregate Rs. 4,95,791-15-5 as compared with Rs. 7,07,651-9-10 renewed in 1903-04.

Surplus Cash Balance.

6. Including all recoverable advances, except sums locked up in the reserve stock and lapsed grants to be renewed in 1904-05, the surplus cash balance at the close of the year aggregated Rs. 17,04,910-4-5 against Rs. 14,64,913-10-2 at the beginning of the year, shewing an increase of Rs. 2,39,996-10-3.

Taxation.

7. The taxes levied during the year were at the same rates as those levied in 1902-03, with the exception of the duty on ghee, which was raised from As. 8 to As. 10 per Bombay maund.

Taking the population at 7,76,006 as indicated by the last census, the incidence of taxation per head of population during each of the five years ending with 31st March 1904, was as follows:—

	Rs.	a.	p.
1899-1900	10	1	4
1900-1901	9	7	3
1901-1902	8	9	7
1902-1903	9	1	11
1903-1904	9	6	11

Income Outstandings.

8. The outstandings of rates and taxes at the close of the year 1903-04 stood at Rs. 3,20,458 against Rs. 1,99,975 in the previous year, thus shewing an increase of Rs. 1,20,483 as follows:—

Outstandings at	General Tax.	Water Tax.	Halal-khore Tax.	Wheel Tax.	Meter Hire.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
31st March 1903 ...	98,061	50,963	38,667	10,345	1,939	1,99,975
„ „ 1904 ...	1,65,316	84,947	56,788	11,164	2,242	3,20,458
Increase...	67,255	33,984	18,121	819	304	1,20,483

Comparison with 1902-03. (a) Income.

9. As compared with the year 1902-03 when the Income realized amounted to Rs. 81,75,688-1-3, the receipts for the year under review show an increase of Rs. 3,06,937-8-10, of which Rs. 2,64,793-8-0 was derived from the property taxes.

(b) Expenditure.

The total revenue expenditure for the year shews a decrease of only Rs. 22,008-5-0 on the previous year.

Debt.

10. The net Municipal Debt at 31st March 1903 stood at Rs. 4,71,55,760-10-3. During the year Rs. 3½ lakhs were raised and Rs. 1,10,404-10-10 were repaid, leaving a balance, payable at 31st March 1904, of Rs. 4,74,20,355-15-5.

Sinking Fund.

11. The Sinking Fund Investments of the different Municipal Loans on the 31st March 1903 amounted to Rs. 41,22,789-1-0. To this were added, during the year, Rs. 3,78,750 on account of annual Sinking Fund Instalments and Rs. 1,94,351-14-5 on account of interest on the invested funds, bringing the total Sinking Fund investments at 31st March 1904 to Rs. 46,95,890-15-5.

Loan Works Expenditure.

12. The original budget estimate amounted to Rs. 30,11,000 and the revised estimate (including plague) was placed at Rs. 12,62,959-2-10, but the total expenditure incurred during the year (including plague) amounted to only Rs. 8,89,410-8-9. The difference between the original and revised estimates and the actuals is due to the final orders of the Corporation being still awaited in certain cases and to some of the works having been deferred pending the receipt of the sanction of Government to the raising of the 37½ lakhs loan.

Plague Expenditure.

13. The expenditure on plague operations during the year aggregated Rs. 2,43,888-4-5 which with the outlay already booked, raised the total expenditure incurred by this Municipality for plague purposes from the commencement of plague operations in 1896-97 to the close of the year to Rs. 59,96,633-12-8.

INCOME.

Comparison between Budget Estimates and Actuals.

14. A detailed comparison between the budget estimates and the actuals will be found in Appendix No. 2.

As stated in para. 2 the income exceeded the original budget estimate by Rs. 4,72,625-10-1. It is a matter for much gratification that with the exception of four petty items which shew a total decrease of Rs. 8,061-11-6, all the other heads of revenue shew increases amounting in the aggregate to Rs. 4,80,687-5-7, a result, the effects of which will be found satisfactory not only from the standpoint of the year under review but the benefits from which will have far-reaching results on the future financial equilibrium of the Municipality. The major increases accrued under Property Taxes, Wheel Tax and Tolls, Town and Tobacco Duties, Licenses, Market Receipts, Miscellaneous Fees and Receipts and Interest on investments. When the original budget estimate was prepared, only a guarded increase was provided for, as although it was known from the awards made by the City Improvement Trust that existing assessments were generally low, it could not be taken for granted that much improvement could be made at once. Special arrangements were, however, made for the commencement of the revision on the lines of the valuations fixed by the City Improvement Trust, by standardizing the assessments on the basis of valuations confirmed by courts of law and by special inspections of buildings. The result justified the measures taken and there accrued thereby the phenomenal increase of over 2½ lakhs in the anticipated revenues of the year from property taxes alone: and this, notwithstanding the fact that the outstandings at the close of the year exceeded those of the preceding year by nearly a lakh and a quarter.

15. The principal variations between the actuals and the original estimates are explained in greater detail as follows :—

(*a*) *General Tax, including Fire Tax*, shows an increase of Rs. 1,62,137-4-2 derived both from extensive revision of assessments on the existing properties and from the assessment of new properties in the City.

(*b*) Of the increase of Rs. 52,069-11-11 under *Wheel Tax and Tolls*, Rs 11,154-9-11 were derived from the tax on Private Conveyances, Rs. 35,880-4-0 under Public Land Conveyances and the balance of Rs. 5,034-14-0 under Toll Fees. The last-mentioned tax was formerly received through the Port Trust, but as the revenue continued to fall off year by year, in the interests of Municipal Revenues the right of collecting the fees was farmed out from 1st August 1903.

It is interesting to note that there was a large increase in the number of public land conveyances licensed by the Commissioner of Police during the year as will be seen from the following figures :—

	As per estimate for 1903-04.	As per actuals for 1902-03.	As per actuals for 1903-04.	Increase as compared with the estimate.	Increase as compared with the actuals for 1902-03.
1. Victorias	870	1,173	1,241	371	68
2. Labour-carts	6,700	7,853	8,294	1,594	441
3. Riding hackeries ...	210	185	216	6	31

(*c*) *Town Duties.*—The increase of Rs. 28,973-2-5 is explained at page 19. The uncertainty of the revenues from this source, referred to in my last Report, is again brought out in the figures given in Appendix No. 3 A, which shew that, although there was no change in the rate of duty levied on sugar, the net income for 1903-04 amounted to Rs. 1,86,117 against Rs. 3,34,780 in the preceding year. The variation in this item as compared with the receipts for the preceding year is most noticeable, as will be seen from the following figures :—

Year.	Gross Receipts.	Less Refunds passed.	Net Revenue.
	Rs.	Rs.	Rs.
1902-03	10,80,012	7,45,232	3,34,780
1903-04	12,75,377	10,89,261	1,86,116
Rs. ...	Increase 1,95,365	Increase 3,44,029	Decrease 1,48,664

It will be seen from the above figures that the gross receipts were larger than in the preceding year, but refunds were disproportionately heavier. The net result is a decrease, the reason for which is not apparent.

(*d*) *Receipts from Government for Tobacco Duty.*—The increase of Rs. 15,563-11-0 is due as usual to the quantity of tobacco taken out of bond for local consumption being larger than estimated by the Collector of Customs.

(*e*) *Halalkhore Tax.*—Of the increased realization of Rs. 31,609-14-4, Rs. 24,878-8-2 were derived from Halalkhore Tax on valuation and the balance of Rs. 6,731-6-2 from the tax for Special Halalkhore Service.

(*f*) *Water Tax and other Miscellaneous Water Works Revenues.*—An increase of Rs. 74,014-0-2 was obtained from Water Tax by valuation and Rs. 10,110-0-3 from the Tax by meter measurement and compounded tax, thus making a total of Rs. 84,124-0-5. Owing, however, to a decrease of Rs. 9,820-8-0 in the charges for departmental water-supply and

of Rs. 9,737-3-10 in Miscellaneous Water Works Revenue, due principally to the item of net profit on sale of Water Works fittings, &c., not having been realized, the net increase under this head amounted to only Rs. 64,566-4-7.

(*g*) *Market Receipts.*—Of the large increase of Rs. 24,654-0-9 under this head, Rs. 11,625 were obtained from fair-ground and feeding fees from contractors, Rs. 8,166-11-0 from slaughter fees and the balance from stall-rents, squatters' fees, &c.

(*h*) *Miscellaneous Receipts.*—Of the extra realization of Rs. 23,406-8-2 under this head, Rs. 15,146-1-5 were obtained from sale of Municipal land at different places and Rs. 6,777-1-4 on the Health Department rights and sundry receipts.

(*i*) *Miscellaneous Fees* shew an increase of Rs. 17,051-12-9 entirely under the head "Skinning Dead Animals." This right was sold in the year under report for Rs. 27,100 against the budget estimate of Rs. 7,500 and an actual realization of Rs. 8,600 in the previous year. The competition for this right has become very much keener of late and it is possible that the price paid is an unduly inflated one.

(*j*) *Profit on Municipal Workshop.*—An explanation of the increase under this head, amounting to Rs. 11,758-6-8, will be found at page 29 of this Report.

(*k*) *Interest and Profit on Investments of Surplus Loan and other Balances.*—Owing to the postponement of several loan works as alluded to in para. 12 and to the surplus moneys available for investment from time to time, being thus consequently greater, there was an increase in this source of revenue of Rs. 15,912-13-5. The total realization under this head amounted to Rs. 1,35,912-13-5, of which Rs. 51,153-8-0 were obtained from investments of the Surplus Loan and other balances in 5 per cent., 4 per cent., and 3½ per cent. securities, Rs. 12,303-6-7 from current deposits with the local Banks and the balance of Rs. 72,455-14-10 on fixed deposits of sums varying from Rs. 1,50,000 to Rs. 25 lakhs lodged with local Banks for periods varying from 28 days to 4 months and at rates of interest varying from 2 per cent. to 6½ per cent. The average rate of interest realized was 3·89 per cent. against 3·78 per cent. received in the preceding year.

II.—Comparison between Revised Estimates and Actuals.

16. From Appendix No. 2 it will be seen that the actuals have exceeded the revised estimate by only Rs. 95,844-6-1 or 1·14 per cent. an approximation between estimates and actuals which should, I think, be considered satisfactory. The increases under the different heads amount to Rs. 1,10,589-14-6 against which the decreases aggregate Rs. 14,745-8-5. The principal variations are explained below :—

(*a*) *Property Taxes (General, Halalkhore and Water Taxes.)*—The increases aggregating Rs. 51,313-7-1 are due to the same causes which operated to produce so wide a divergence from the original estimates as explained in para. 15.

(*b*) *Wheel Tax and Tolls.*—The tax on private and public conveyances yielded Rs. 5,154-9-11 and Rs. 14,880-4-0, respectively, more than the revised estimates, the increase under the latter being solely due to a larger number of labour-carts and victorias having been licensed during the last three months of the year than could have been anticipated on data available. Under Toll Fees there was a trifling increase of Rs. 34-14-0.

(*c*) The other increases and decreases do not need any special remarks except the item of "actual profit on sale of stores to contractors, &c.," which item, with the exception of a small sum of Rs. 150, does not appear in the accounts under the new system of Stores Accounts.

III.—Comparison between the Actuals for 1902-03 *and* 1903-04.

17. Taxation in the two years was identical with the exception that the duty on ghee in 1903-04 was 10 annas per Bombay maund against 8 annas in 1902-03. A two-anna increase is estimated to yield a revenue in round numbers of Rs. 40,000. The yield from Town Duties during the year should accordingly have been greater in 1903-04 than in 1902-03, but owing to the disturbing factor of refunds there was actually a decrease of Rs. 50,372-8-6. There was a further small decrease in unimportant sources of income of Rs. 16,055-13-3 making the total decrease in the year Rs. 66,428-5-9. Against this, however, there has to be placed a very substantial increase, aggregating Rs. 3,73,365-14-7, giving a net increase in 1903-04 over 1902-03 of Rs. 3,06,937-8-10. The principal items making up this large increase are (1) Property Taxes, Rs. 2,64,793-8-0 ; (2) Wheel Tax and Tolls, Rs. 27,056-12-11, and (3) Market Receipts amounting to Rs. 16,385-14-7.

There were other increases as will be seen on a reference to Appendix No. 2, but I consider they were fortuitous.

The General Tax, the Water Tax and the Halalkore Tax must always be our most reliable sources of revenue, and allowing for outstandings the income for 1902-03 and 1903-04 from these three principal sources of income compare as follows :—

	1902-03. Rs.		1903-04. Rs.
(1) General Tax as per booked figures ...	27,10,559		29,03,137
Add— Larger outstandings, Rs.		67,255	
Deduct— Arrear recoveries „		4,008	
			+63,247
	Rs. 27,10,559		Rs. 29,66,384
(2) Water Tax and other Miscellaneous Water Works Revenues, as per booked figures ... ... Rs.	15,13,976	Rs. 15,71,566	
Less— Larger arrear recoveries ... „	—26,942	(Larger outstandings) „ +84,388	
	Rs. 14,87,034		„ 16,05,854
(3) Halalkhore Tax as per booked figures.. Rs.	7,95,984	Rs. 8,10,610	
Less— Larger arrear recoveries ... „	—28,293	(Larger outstandings.) „ +18,121	
	Rs. 7,67,691		„ 8,28,731
Total ... Rs.	49,65,284		Rs. 54,00,969

These figures point to a very material increase in the permanent financial prosperity of this Municipality and the further increase of Rs. 27,056-12-11 in the income from Wheel Tax and Tolls confirms the surmise in the concluding part of para. 17 of my Report for 1902-03 that the increase in this source of Income is of a permanent nature. I have no doubt also that the increase of over Rs. 16,000 in the Market Receipts is not a passing one. Even if allowance be made for any decreases not at present in sight, it can, I think, be stated with some degree of confidence that the permanent addition made to our sources of income during the year aggregated well over 4 lakhs of Rupees.

Octroi Duties.

18. As usual the various articles on which duty was levied at the time of import under the provisions of Section 192 (1) of the Municipal Act, the amount levied and the refunds allowed thereon under Section 192 (2) on their export are shown in Appendix No. 3.

19. The gross collections for the year having been estimated at Rs. 23,45,100 and the refunds at Rs. 12,05,100, a net revenue of Rs. 11,40,000 was provided in the Budget for 1903-04. The actual realizations were more than the estimate by Rs. 2,70,323 chiefly under sugar, ghee and timber. But as the refunds paid during the year were in excess of the estimate by Rs. 2,37,264 and as the closing balance at the end of the year was also in excess of the opening one by Rs. 12,252, the net increase in revenue for the year came to Rs. 20,807. Adding to this amount the sum of Rs. 8,166 on account of refunds fraudulently obtained by certain parties in the preceding year and recovered from them in the year under review the net increase derived from Town Duties amounted to Rs. 28,973 as shown in Appendix No. 2.

The net revenue collected in the year amounted to Rs. 11,68,973 against Rs. 12,19,346 in the preceding year and the net realizations after deducting the cost of collection amounted to Rs. 10,72,129 against Rs. 11,26,986 in 1902-03.

20. Comparing the gross collections for the year under review with those in the preceding year, it will be seen that there were increases amounting to Rs. 3,03,057 under all heads except beer, which shows a decrease of Rs. 1,527.

Articles.	Actuals for 1902-03.	Actuals for 1903-04.	More.	Less.
	Rs.	Rs.	Rs.	Rs.
Grain	5,67,289	5,84,694	17,405	.....
Flour	22	1,321	1,299	.....
Wines and Spirits	2,53,831	2,66,775	12,944	.....
Beer	40,098	38,571	.....	1,527
Sugar	10,80,012	12,75,377	1,95,365	.....
Ghee	2,06,917	2,59,975	53,058	.....
Timber...	1,30,970	1,52,643	21,673	.....
Firewood	34,754	36,067	1,313	.....
Total ...	23,13,893	26,15,423	3,03,057	1,527
			1,527	
		Net Increase...	3,01,530	

The increases under grain, sugar and firewood are contributed by larger imports, while the increase under ghee is attributable to the increase in the rate from annas eight to annas ten per maund. The increase under timber is ascribed to a sudden growth in the country teak business which is now assuming very large proportions, and that under wines and spirits is due for the greater part to larger imports of country spirits from Oorun. The small decrease under beer needs no explanation.

Appendix No. 3 (B) shewing the gross collections of Town Duties, the refunds passed for payment therefrom and the net realizations for each of the last five years will be found useful for statistical purposes.

REVENUE EXPENDITURE.

I.—Grants for Expenditure from Current Revenue.

21. From Appendix No. 4 it will be seen that the grants originally sanctioned by the Corporation under Section 129 of the Municipal Act aggregated Rs. 83,12,875. To this sum were subsequently added (1) Rs. 1,94,934-13-9 on account of lapsed grants for 1901-02 and previous years (including transfers not utilized in 1902-03) sanctioned by the Corporation in 1903-04, (2) Rs. 5,12,716-12-1 on account of lapsed grants for 1902-03 renewed by the Standing Committee in 1903-04, and (3) Rs. 1,18,527-6-1 on account of additional grants sanctioned for unforeseen expenditure during the year. Thus the total sanctioned grants aggregated Rs. 91,39,053-15-11, from which savings to the extent of Rs. 52,380-5-8 were anticipated at the time of preparing the revised estimates for 1903-04 and were consequently taken credit for in those estimates. The final sanctioned grants for revenue expenditure thus stood at Rs. 90,86,673-10-3.

The transfers made from one budget head to another without in any way affecting the total budget provision for the year amounted to Rs. 54,685-7-9.

In the Introductory Remarks to the Budget for 1904-05 a sum of Rs. 1,27,039 was reserved for additional grants sanctioned and to be sanctioned up to 31st March 1904. The grants actually sanctioned up to the close of the year aggregated Rs. 1,07,746-2-1 excluding Rs. 10,781-4-0 on account of the investment of the net premia received on the loan raised during the year. There was thus a saving of Rs. 19,292-13-11, which lapsed to Surplus Cash Balance.

The principal items making up the additional grants of Rs. 1,18,527-6-1 above referred to are (1) paving the Chowpatty Foot-path, (2) investment of the Premia received on the last instalment of the 3¾ lakhs of the 24¾ lakhs loan, (3) strengthening and re-girdering culverts over water mains and drains passing through the B. B. & C. I. Railway land, (4) purchase of a chemical engine fitted with a telescopic ladder, (5) additional expenditure on ascertaining the consumption and leakage of water in the City, (6) constructing a chowkey on the Municipal ground at Chinchpokli to provide accommodation for a Drainage Inspector, (7) constructing 24 cesspool carts for the Health Department, (8) refund to Government of General Tax charged in respect of the buildings occupied by the Police, and (9) extending the sub-way under the Arthur Road Level Crossing.

II.—Comparison between Grants as finally sanctioned and Actuals.

22. As stated in para. 21, the grants finally made available for expenditure during the year aggregated Rs. 90,86,673-10-3 (*vide* Appendix No. 5) against which the total expenditure actually booked amounted to Rs. 84,31,389-12-8, leaving an unexpended balance of Rs. 6,55,283-13-7. Out of the latter amount, Rs. 4,95,791-15-5 require to be renewed for expenditure in 1904-05, leaving a saving of Rs. 1,59,491-14-2 or 1·86 per cent. on the total sanctioned grants minus renewals. The percentage of the same in the preceding year was 2·06.

23. Special efforts were made this year by my department to obtain and pay as many bills as possible for inclusion in the accounts for the year and it is gratifying to me to observe that our efforts have resulted in reducing the unexpended balance from Rs. 8,85,698-10-3 in the preceding year to Rs. 6,55,283-13-7 at the close of the year under review, and the amount to be renewed to Rs. 4,95,791-15-5 against Rs. 7,07,651-9-10 in the preceding year. The amount requiring renewal is lower than in the preceding year by Rs. 2,11,859-10-5 or nearly 30 per cent.

24. The savings on the final estimates amounting to Rs. 1,55,871-14-0 are heavier than I expected from the assurances given to me by various departments, but there is a growing sense of responsibility in all Departments that induces the hope that even greater improvement in approximating actuals to estimates is within the range of probabilities. The subjoined statement shewing percentage of savings to final sanctioned grants for the last ten years shews that a reversion is gradually taking place to more creditable estimating on the part of Departments, notwithstanding the fact that during the last ten years the estimated expenditure has materially increased, naturally rendering estimating more difficult and liable to error.

Statement showing the percentage of "actual savings" to final sanctioned grants for the years 1893-94 to 1903-04 :—

Year.	Final sanctioned grants after deducting savings taken credit for in the Revised Estimate.	Unappropriated net savings.	Percentage.
	Rs.	Rs.	
1893-94	76,16,054	1,39,666	1·83
1894-95	69,63,631	1,05,928	1·52
1895-96	73,40,531	1,57,967	2·15
1896-97	78,76,310	2,00,405	2·54
1897-98	82,00,224	1,19,745	1·46
1898-99	83,20,527	1,62,030	1·95
1899-1900...	85,09,476	1,39,374	1·64
1900-01	96,57,651	* 1,47,728	1·53
1901-02	90,49,701	2,22,812	2·46
1902-03	98,39,097	1,78,047	1·91
1903-04	90,86,674	1,55,872	1·71

* Excluding Rs. 1,08,925 on account of nominal charge for water supply to Municipal Departments.

25. The principal variations between the actuals and the allotted grants which call for remarks are—

	Savings. Rs. a. p.
(*A*) Public Works (Engineer's Department)	30,625 13 8
(*B*) Public Health Department	85,406 2 5
(*C*) New Works	12,984 10 5
Total ...	1,29,016 10 6

leaving minor savings aggregating Rs. 30,475-3-8 under other service heads. The causes of the variations under the above heads are explained below :—

(*A.*) *Public Works (Engineer's Department).*—The saving of Rs. 30,625-13-8 was distributed as follows :—

	Rs. a. p.
1. General and Streets and Buildings Branches	11,584 7 11
2. Water Works Branch	7,391 8 1
3. Drainage Branch	11,649 13 8
Total ...	30,625 13 8

It was effected principally on the grants for (1) gas lighting and repairs to Ward chowkeys, planting trees and payment of compensation for insanitary buildings demolished, (2) materials and tools and plant for the maintenance of Water Works, (3) drainage establishment and labour, repairs and alterations to miscellaneous drains and gutters and cleaning the main drains and maintaining different pumping stations.

(*B.*) *Public Health Department.*—Of the large saving of Rs. 85,406-2-5, Rs. 57,489-11-0 were effected under General Supervision and Conservancy, Rs. 12,038-8-7 under infectious diseases and the balance of Rs. 15,877-14-10 under Markets and Slaughter Houses, Cemeteries, Dhobiwada, &c. The saving in General Supervision and Conservancy is due principally to the labour staff and the complement of bullocks employed being below the budgetted strength, to most favourable rates having been obtained for food supplies to the cattle, and to the stores, repairs, contingent and road-repairs grants not having been fully expended. The comparatively large saving of Rs. 12,038-8-7 under infectious diseases was effected chiefly on the provision of Rs. 40,000 for "special measures" and of Rs. 1,500 on account of fees for notification of infectious

diseases other than plague not being fully required. The saving of Rs. 15,877-14-10 under the other heads was effected principally on the grants for firewood, grazing cattle at the Bandra Slaughter Houses and the different contingent, repairs and water supply grants.

(*C.*) *New Works.*—Of the saving of Rs. 12,984-10-5 effected on the works completed within the sanctioned grants, Rs. 2,178-12-3 were contributed by Drainage Works, Rs. 1,876-0-1 by Water Works, and Rs. 8,929-14-1 by Sanitary and other Miscellaneous Works.

III. Lapsed Grants.

26. The grants lapsed at the close of the year and requiring renewal aggregate Rs. 4,95,791-15-5. The heads under which the renewals are required will be found in Appendix No. 5, from which it will be seen that the principal renewals are under Public Works (Engineer's Department), New Works, Public Health Department and Municipal Debt. As stated in para. 23, the amount proposed to be renewed in 1904-05 as compared with the preceding year shews an appreciable decrease of Rs. 2,11,859-10-5, the principal decreases being under General Office Establishment (Law Charges) Water Works Maintenance, Roads, Foot-paths, &c., Street Improvement, Conservancy Branch (Public Health Department), Interest on Loans and Payments towards reduction of Debt. The percentage of renewed grants to grants allotted was as follows for the last ten years :—

1893-94	6·72
1894-95	6·95
1895-96	6·53
1896-97	8·52
1897-98	7·11
1898-99	9·84
1899-00	11·18
1900-01	8·45
1901-02	6·63
1902-03	7·57
1903-04	5·45

The figures tell their own tale of the result of persistent efforts on the part of this Department.

IV.—Comparison between the Actual Expenditure during 1902-03 *and* 1902-04.

27. The revenue expenditure of the year under report, as compared with the preceding year, shews increases aggregating Rs. 4,54,058-4-7 under certain heads and decreases aggregating Rs. 4,76,066-9-7 under others, thus shewing a net decrease of Rs. 22,008-5-0. The principal variations are explained below :—

(*A.*) *General Superintendence.*—The payment of heavier law charges and an enhanced salary to the Commissioner for the full year, account for the increase of Rs. 17,301-13-6.

(*B.*) *Assessment and Collection Department.*—The increased expenditure of Rs. 6,520-10-6 is accounted for by the employment of additional staff both in the Assessment and Collection and the Revenue and Refund Audit Departments (in the latter of a temporary nature) and by increased expenditure consequent on the absence of the Revenue and Refund Audit Officer on furlough.

(*C.*) *Fire Brigade.*—An increased expenditure of Rs. 13,936-14-7 is involved and was the result of (1) full scheduled salaries being allowed during the year to the whole of the staff, (2) the Chief Officer being on furlough on half pay in 1902-03, (3) the purchase of a boiler for a steamer, (4) the purchase of additional lengths of hose of a better quality than that hitherto used, and (5) heavier interest payments during the year on the Fire Brigade Loan of Rs. 4½ lakhs.

(*D.*) *Public Gardens.*—The increased expenditure of Rs. 8,025-9-1 is solely due to a greater outlay on carrying out improvements in the Zoological portion of the Gardens.

(*E.*) *Public Works* (*Engineer's Department*).—All the Branches, except the Drainage, shew increases, as will be seen from the following figures :—

	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. General Branch	3,709 13 6	.....
2. Drainage Branch	.....	1,079 2 6
3. Water Works Branch	17,210 5 4	.....
4. Streets and Buildings Branch...	59,922 5 5	.....
	80,842 8 3	1,079 2 6
Less—Decrease	1,079 2 6	
Net Increase ... Rs.	79,763 5 9	

The payment of the salary of the new Executive Engineer, Mr. Hall, for the time occupied in the voyage to Bombay and of his passage expenses and of the fee due to Mr. Mansergh for interviewing candidates for the post of the Executive Engineer and advising the Commissioner on the subject, account for the increase of Rs. 3,709-13-6 under General Supervision and Miscellaneous Duties.

The net decrease of Rs. 1,079-2-6 under Drainage is explained by the working expenses of the Love Grove Pumping Station being less than in the preceding year.

The increase of Rs. 17,210-5-4 in the Water Works Department is due to a larger number of meters having been issued on hire and to the cost incurred on carrying out investigations in regard to the supply, consumption and waste of water by an officer especially obtained from England. Both these items are of a special nature.

Road repairs were pushed on with greater vigour in the year under report and heavier payments were made for set-backs. These factors account for the increased expenditure of Rs. 59,922-5-5 in the Streets and Buildings Branch.

(*F.*) The small decrease of Rs. 4,435-14-6 under New Works needs no explanation.

(*G.*) *Public Health Department* shews increases aggregating Rs. 67,103-6-1 under certain heads and decreases aggregating Rs. 93,668-10-3 under others, thus shewing a net decrease of Rs. 26,565-4-2.

The abolition of one Divisional Office after the death of Mr. Leask accounts for the decrease of Rs. 15,652-7-9 under General Supervision.

In the Conservancy Branch there is a large decrease of Rs. 67,360-11-4 due to the transfer of 7 Deputy Health Officers from the Superintendence and Inspection Branch of the Public Health Department to the Registration Branch, to the food charges being lower owing to favourable contract rates and to less expenditure on the purchase of live and rolling stock.

The purchase of one motor van for the conveyance of meat from the Bandra Slaughter Houses is responsible for the increase of Rs. 8,588-3-1 under Markets and Slaughter Houses.

The transfer of 7 Deputy Health Officers from the Superintendence and Inspection Staff of the Health Department and of 3 Medical Officers, 3 clerks, 3 peons and 10 nurses from the Plague staff to the Registration Branch caused the increased expenditure of Rs. 44,498-1-5 under Registration of Births and Deaths.

Cemeteries and Mahaluxmi Dhobiwada shew respectively decreases of Rs. 5,203-5-9 and Rs. 5,721-1-6 chiefly under Firewood and Water Supply.

The increase of Rs. 6,611-6-6 under "Laboratory" is due to the employment of a special Analyst and his staff and to the provision of the necessary appliances for bacteriological and chemical investigation and the analysis of foods and drugs.

Under "Infectious Diseases" there is an increase of Rs. 6,044-0-9 due principally to certain recoveries made from Government in 1902-03 on account of charges for treating convicts in the Arthur Road Hospital in the previous years.

(*H.*) *Police.*—The decrease of Rs. 96,443-10-10 under Police charges represents the payment made in 1902-03 of certain arrears of Police charges up to 1901-02.

(*I.*) *Miscellaneous.*—Under this head there is a net decrease of Rs. 63,264-11-8 owing principally to (1) the payment in 1902-03 of compassionate allowance to the family of the late Mr. Leask, (2) to the payment of contribution in the same year towards the celebration of the Coronation Festivities in Bombay and the cost of a casket and address presented to His Most Gracious Majesty the King-Emperor, and (3) the adjustment in 1902-03 of the cost of certain land in Agripada utilized for the Health Department Stables in E Ward.

(*J.*) *Municipal Debt.*—The total increase is Rs. 2,07,202-10-1, of which (1) Rs. 1,33,756-8-7 is under interest charges, (2) Rs. 166-11-9 under charges on Loans, (3) Rs. 49,105-6-6 under payment towards Reduction of Debt and (4) Rs. 24,173-15-3 under Investment of Interest realized on the Sinking Funds of the 5 per cent., 4 per cent. and 3½ per cent. Loans. The increase under item (1) is due partly to a larger number of holders of Municipal debentures having presented their debentures for payment of interest and partly to a larger

amount of interest being payable on the Plague loan of Rs. 20 lakhs and the Loan of 24¾ lakhs. The increase under item No. 3 is solely due to a larger number of holders of debentures of the Drainage Loan of 1878 which matured on or before 1st January 1904 having surrendered their debentures for repayment during the year under review. The increase under the last item is the natural result of the annual growth of our Sinking Funds.

Rise in financial prosperity.

28. In para. 27 of my Report for 1902-03 I estimated the permanent addition to the expenditure of the Municipality at Rs. 1,61,400. During the year under review I cannot find that there was any increase, except in the matter of interest payable, which was momentous enough to be taken into consideration.

There were increases and decreases throughout the various services, but on the whole the permanent increases seem to me fairly counterbalanced by permanent decreases—in fact the year seems to indicate a re-adjustment between various service heads of the grants allotted for expenditure in 1902-03.

The only exception, as I have said above, is in the matter of interest payable and here the permanent increase may be put in round figures at Rs. 40,000.

In para. 17 of this Report I have put the permanent increase in Revenue at *at least* Rs. 4,00,000, so that it might be stated that during the year under review the expansion of our revenues coupled with a careful economy of our resources has very materially improved a financial position, which, with the increased demands for sanitation, the heavy plague charges and the contribution payable to the City Improvement Trust, was becoming such as to cause anxiety.

SURPLUS CASH BALANCE.

Appendix No. 6.

29. The Surplus Cash Balance at the close of the year, excluding the minimum balance of Rupees one lakh required by law, stood at Rs. 17,04,910-4-5 as shewn in Appendix No. 6 against Rs. 14,64,913-10-2 at the close of 1902-03, thus shewing an increase of Rs. 2,39,996-10-3 which has been brought out by the year's surplus of Rs. 51,235-13-5 plus the decrease of Rs. 2,11,859-10-5 in the amount of lapsed grants to be renewed minus an increase of Rs. 23,098-13-7 in the amount of Reserve Stock. The balance at the close of the year is in advance of the original estimate of Rs. 8,53,125 by Rs. 9,51,785-4-5 and of the revised estimate by Rs. 2,47,910-4-5, the latter increase being made up of (1) extra income realizations amounting to Rs. 95,844-6-1 (*vide* para. 2), (2) savings in expenditure amounting to Rs. 1,55,871-14-0 (*vide* para. 2), (3) of the unappropriated balance of Rs. 19,292-13-11 of the sum of Rs. 1,27,039 reserved in the Budget for 1904-05 for additional grants sanctioned and to be sanctioned up to 31st March 1904 (*vide* para. 21) less Rs. 23,098-13-7 increase in the balance of Reserve Stock (*vide* para. 4).

30. From the surplus of Rs. 17,04,910-4-5 has to be met (1) the deficit of Rs. 2,24,724 as per Budget for 1904-05 as finally passed by the Corporation and (2) Rs. 46,646 on account of additional grants sanctioned from 1st April 1904 to 30th June 1904. Thus the surplus is reduced to Rs. 14,33,540, from which we shall have to meet the contribution payable to the Improvement Trust on 1st April 1905 and any further additional grants that may be sanctioned upto the close of the year 1904-05.

DEBT AND SINKING FUND.

Appendices Nos. 7 and 8.

31. The total Capital Debt of the Municipality in the beginning of the year amounted to Rs. 4,71,55,760-10-3, of which Rs. 24,58,260-10-3 were due to Government, and the balance to the public. To this were added Rs. 3¾ lakhs raised from the public during the year, being the last and final instalment of the 24¾ lakhs loan for the construction of certain sewerage and Water Works. The amount paid to Government during the year towards the reduction of the Vehar Debt was Rs. 15,904-10-10 and Rs. 94,500 were paid to certain holders of debentures of the Drainage Loan of 1878. There was thus a net addition of Rs. 2,64,595-5-2 to the Capital Debt of the Municipality, which was consequently increased to Rs. 4,74,20,355-15-5 including Rs. 24,42,355-15-5 on account of the Vehar Debt due to Government. Against the total debt the Sinking Fund invested up to 31st March 1904 amounted to Rs. 46,95,890-15-5 which left a net debt liability of Rs. 4,27,24,465. It will be seen from Statement No. 7 that debentures for Rs. 2,500 only of the Drainage Loan of 1878, which were redeemable on or before 1st January 1904, were not surrendered for repayment by the bondholders up to the close of the year, against Rs. 25,000 in the preceding year.

32. From Statement No. 8 it will be seen that the outstanding interest on the different Municipal Loans in the beginning of the year amounted to Rs. 2,51,922, adding to which the sum of Rs. 20,61,244-13-9 on account of interest payable for the year under report, the total

amount of interest payable to the public during the year was Rs. 23,13,166-13-9. The interest paid by the Bank during the year amounted to Rs. 21,56,795-11-5 which, together with a sum of nine pies short paid by the Bank on account of interest for broken periods on small pieces, aggregated Rs. 21,56,795-12-2, leaving an outstanding of Rs. 1,56,371-1-7 at the close of the year or Rs. 95,550-14-5 less than in the preceding year. The outstandings represent 6·76 per cent. of the total interest payable against 11·13 per cent. in the preceding year.

It is satisfactory to note here that owing to the Bank of Bombay being urged to make special efforts to pay off the interest on all Municipal debentures, as far as practicable within the year, the outstandings have been so considerably reduced, notwithstanding the increase in the scrip issued by the Municipality.

33. The sufficiency of the Sinking Funds created by Local Bodies has been under the consideration of the Government of India and during the year under review it was ordered that the Accountant-General should annually certify that the Sinking Fund created for the repayment of each loan was sufficient for the repayment of the loan within the fixed currency period of the loan.

In this Municipality the Sinking Funds of the various 5 per cent. and 4 per cent. Municipal Loans have been unified under Corporation's Resolution No. 5294 of 19th November 1888 and it will now be necessary to separate the various Sinking Funds in my accounts in order to examine their sufficiency. I have no doubt that *up to the present* the Sinking Fund instalments set apart and invested from time to time have been, as originally contemplated, sufficient to repay the various loans on the due dates, but the tenor of the money market has considerably changed since the earlier 5 per cent. loans were floated and the Sinking Funds in the case of these loans will, it seems to me, require to be re-arranged on basis of the rate of interest of investments available in the market.

RAISING OF LOANS.

34. In the Loan Works Budget for the year provision was made for the raising of a loan of Rs. 20 lakhs from the public, *viz.*, Rs. 3¾ lakhs, being the balance of the 24¾ lakhs loan, and Rs. 16¼ lakhs on account of the first instalment of a projected loan amounting to Rs. 37½ lakhs. Owing to Government sanction not being received to the floating of the new loan, the Municipality raised only the 3¾ lakhs alluded to above. This loan was taken up at 103 per cent., *minus* ½ per cent. brokerage, the premia realized being Rs. 10,781-4-0, which has been carried to the Premia Fund after paying therefrom the stamp and other charges on the debentures issued in respect of the loan.

EXPENDITURE ON LOAN WORKS.

Appendix No. 13, *pages* 81 *to* 87.

35. The total expenditure on Loan Works (excluding plague expenses) aggregated Rs. 6,45,522-4-4 against Rs. 5,47,412-0-8 in the preceding year, showing an increase of Rs. 98,110-3-8 which accrued almost entirely on Water Works and Sanitary and Miscellaneous Works. The expenditure was distributed as follows :—

		Rs.	a.	p.
1.	Sewerage and Drainage Works	4,20,890	14	2
2.	Water Works	87,780	13	9
3.	Roads	4,218	13	6
4.	Sanitary and Miscellaneous Works	1,32,631	10	11
	Rs.	6,45,522	4	4

The principal works on which the expenditure during the year was incurred were the Health Department Bullock Stables and quarters for scavengers in E Ward, Disposal of Town Sweepings at Deonar, Low Level Channel from the Tardeo Flats to Worli Point, Sewerage of the Parel District, Sectional, Completion of House Drainage Connections in different parts of the City, Burial Grounds at Narielwadi and Mahim, Laying of a 15″ Water Main and the Construction of Additional Water Filters.

PLAGUE EXPENDITURE.

Appendix No. 10.

36. The net amount expended on Plague operations during the year (including dispensaries but excluding expenditure on Discretional Relief and the construction of Health Camps, which was met from funds placed by Government at the disposal of the Municipality) was Rs. 2,43,888-4-5 against Rs. 2,31,391-1-8 in the preceding year.

In 1902-03 the gross expenditure incurred amounted to Rs. 2,99,836-11-0 against which the credits received amounted to Rs. 68,445-9-4, while in the year under review the gross expenditure amounted to Rs. 2,50,187-7-11 and the credits realized amounted to Rs. 6,299-3-6. The gross expenditure for the year under review, as compared with the preceding year, shews a decrease of Rs. 49,649-3-1, which was effected principally on Establishment, Dispensaries, Deportation of Pauper Immigrants, Rebate to the Improvement Trust in respect of lands and buildings occupied for Plague purposes and charges incurred by the Police in connection with Plague measures.

The total expenditure on Plague operations from the commencement up to the close of the year under report aggregated Rs. 59,96,633-12-8, which was financed as under :—

	Rs.	a.	p.
From the 20 lakhs Plague Loan	20,00,000	0	0
„ the Government contribution	14,50,000	0	0
Advanced from Loan Fund Balances	25,46,633	12	8
Total ... Rs.	59,96,633	12	8

37. The total expenditure on plague operations during the year, including that on the construction of Health Camps and Discretional Relief, aggregated Rs. 2,59,559-13-1 against Rs. 2,49,097-14-6 in the preceding year.

Government Contributions for Construction of Health Camps and Discretional Relief.

38. *Plague Camps.*—The balance of the Government contribution at the beginning of the year was Rs. 1,412-3-3 to which were added during the course of the year five sums aggregating Rs. 18,000, thus raising the funds at the disposal of the Municipality to Rs. 19,412-3-3. Against the latter sum Rs. 12,016-2-2 were expended during the year, leaving an available balance of Rs. 7,396-1-1 at the close of the year. The total expenditure on Health Camps paid out of Government grant from the commencement of operations up to the close of 1903-04 aggregated Rs. 1,96,003-14-11 against a net receipt from Government of Rs. 2,03,400.

39. *Discretional Relief.*—The balance on hand on 1st April 1903 amounted to Rs. 186, which together with the further advances amounting to Rs. 4,200 received from Government during the year, aggregated Rs. 4,386. The actual expenditure incurred on Discretional Relief during the year amounted to Rs. 3,655-6-6, leaving a balance of Rs. 730-9-6 in hand at the close of the year (excluding advances with the officers entrusted with Discretional Relief). The net advances received from Government for Discretional Relief expenditure up to the close of 1903-04 amounted to Rs. 1,28,900-12-6 (including advances amounting to Rs. 6,800-12-6 refunded by District Officers) against which the actual expenditure amounted to Rs. 1,28,170-3-0.

40. *Total Plague Expenditure.*—The total expenditure from all sources, Government and Municipal, booked in my accounts for Plague operations from the commencement to 1903-04, including the outlay incurred on construction of the Health Camps and Discretional Relief, amounted to Rs. 63,20,807-14-7 of which Rs. 17,74,174-1-11 were borne by Government.

LIABILITIES AND ASSETS.

Appendix No. 9.

41. The aggregate liabilities at the close of the year amounted to Rs. 5,00,30,240-5-4 against Rs. 4,95,86,135-3-0 in the preceding year. The increase of Rs. 4,44,105-2-4 appears under (1) Debt (Rs. 2,64,595-5-2), (2) Deposits (Rs. 1,33,742-13-3), (3) Stock Adjustment Account (Rs. 6,931-1-7) and (4) Cheques payable (Rs. 38,835-14-4). The increase in Debt is explained in para 31. The increase under Deposits is due principally to the deposits received from the contractors for the Low Level Channel Works and to the 1st instalment received from the G. I. P. Railway on account of their contribution towards the cost of the removal of the 32″ Vehar main from within Railway limits.

The assets are placed at Rs. 6,56,68,419-12-7 against Rs. 6,46,91,354-15-1 in the preceding year, there being increases of Rs. 29,659-4-6 under Cash Balance and Advances, of Rs. 2,79,661-12-11 under Investments and of Rs. 22,221-7-9 under Reserve Stock and the balance of Rs. 6,45,522-4-4 represents the outlay incurred on Loan Works, the total increase being Rs. 9,77,064-13-6.

42. The above assets are distributed thus :—

A. Cash and Paper available for expenditure on Revenue and Capital projects :—

		Rs.	a.	p.	Rs.	a.	p.
(1)	Cash Balance	2,09,928	4	0			
(2)	Surplus Funds Deposits	24,54,188	7	8			
(3)	Loan Funds	11,74,327	6	11			
					38,38,444	2	7
B.	Sinking Fund Investments				46,95,890	15	5
C.	Special Funds Investments				6,61,170	0	2
D.	Advances recoverable, Paper Deposits and other items				4,07,362	6	1
E.	Reserve Stock				7,17,252	12	9
F.	Properties				5,35,09,191	15	7
G.	Debt due by the Bombay Improvement Trust for land transferred				18,39,107	8	6
				Rs.	6,56,68,419	12	7

43. I have contended for years that our Assets do not represent our exact position. In so far as the Reserve Stock is concerned, a first step has been made towards a just conception of that position by creating a special "Surplus and Obsolete Stores Account" amounting to Rs. 4,02,258-6-9. When a proper valuation of this Account has been arrived at, it will be known to what extent our Assets are to be reduced. In regard to the revision of our Assets as represented by properties, now that my extra Assistant has at last been sanctioned, the subject will receive consideration as far as possible from an accounts point.

Taking the figures as booked, however, the excess of Assets over Liabilities is brought out at Rs. 1,56,38,139-1-3 or Rs. 5,32,959-11-2 more than in the preceding year.

44. *Invested Balances.*—From Statement No. 9 B shewing the Invested Balances at 31st March 1904, as compared with those at the close of the preceding year, it will be seen that there has been a net increase of Rs. 2,79,661-12-11.

Owing to the annual additions made to our Sinking Funds and to the investment of the interest accruing on the Sinking and other Special Funds, there was a total increase of Rs. 6,15,207-7-4, which together with a small increase of Rs. 4,300 on the contractors' &c., deposits in public securities, gave a total of Rs. 6,19,507-7-4 against which there was a decrease of Rs. 3,39,845-10-5 on the Surplus and Loan Funds, which had to be drawn upon to provide funds for the large works in progress.

WATER WORKS ACCOUNT.

Appendix No. 11.

45. *Income and Expenditure Account.*—The revenue obtained during the year from Water Supply, including Meter Hire and Other Miscellaneous Water Works receipts, amounted to Rs. 15,71,566-4-7 of which Rs. 9,279-8-0 represent the value of water supplied to Municipal buildings which are rented. The receipts from Special Invested Funds amounted to Rs. 23,360-3-7 which raised the total Water Works Receipts to Rs. 15,94,926-8-2. The total expenditure on water works amounted to Rs. 17,11,241-13-4 which included (1) Rs. 2,99,403-4-9 on account of Maintenance and General Working Charges, (2) Rs. 16,890-5-4 on account of New Works, (3) Rs. 23,360-3-7 on account of investments of Worn Out Mains Renewal and Premia Funds, (4) Rs. 12,05,661-8-7 on account of interest on Water Works portions of different loans, including commission paid to the Bank of Bombay for paying interest and (5) Rs. 1,65,896-7-1 on account of repayments of Loans and investments of Sinking Funds. It will be seen from this statement that the excess of expenditure over income amounted to Rs. 1,16,285-5-2 against a deficit of Rs. 1,25,000 estimated in the Budget for the year. This deficit of Rs. 1,16,285-5-2 was met from the General Revenues of the Municipality.

As compared with the preceding year, the income for the year shews an increase of Rs. 57,642-11-11 derived mainly from Water Tax on valuation, while the expenditure shows an increase of Rs. 22,949-4-11 in consequence of a larger amount of interest having been paid on the Tansa Loan.

Under the present system of accounts, based on cash receipts and cash payments, instead of on a system of accruals, the actual position of the Water Works account during any particular year can never be accurately stated.

ASSETS AND LIABILITIES.

Appendix No. 12.

46. The payment of Rs. 15,904-10-10 made to Government towards the reduction of the Vehar Debt and of Rs. 26,726-0-11 towards repayment of the Water Works portion of the Drainage Loan of 1878 reduced the liabilities from Rs. 2,43,73,634-3-10 at the close of 1902-03 to Rs. 2,43,31,003-8-1 on 31st March 1904, of which Rs. 24,42,355-15-5 represent the debt due to Government.

The Assets amounted to Rs. 3,03,03,934-9-1, including Sinking Fund Investments against Rs. 2,82,20,666-8-3 (excluding Sinking Fund Investments) at the close of the preceding year, showing an increase of Rs. 20,83,268-0-10. Of this increase, Rs. 19,72,126-15-6 is due to the Sinking Fund Investments of the Water Works portion of different loans having been shown in this statement for the first time, and the balance to the expenditure incurred during the year on Loan Works and to the additions made to the Worn Out Water Mains Renewal and Premia Funds.

The excess of Assets over Liabilities was consequently increased from Rs. 38,47,032-4-5 at the close of 1902-03 to Rs. 59,72,931-1-0. This excess is represented partly by payments made towards the reduction of the Water Works Debt and partly by payments made towards the investment of Sinking Fund.

STORES.

47. The balance of Reserve Stock in hand at the close of the year as per the General Books of this Office amounted to Rs. 7,17,252-12-9 against Rs. 6,94,153-15-2 at the close of the preceding year, showing an increase of Rs. 23,098-13-7.

The Stock was distributed between the different departments of the Municipality as under :—

Departments.	1902-03.	1903-04. Serviceable Stores.	1903-04. Surplus and Obsolete Stores.	Total.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Chief Accountant (General Stores)	21,484 11 9	17,313 7 4	4,411 6 0	21,724 13 4	290 1 7	.....
Water Works Department	3,87,836 13 6	1,92,980 8 3	1,91,646 5 9	3,84,626 14 0	...	3,209 15 6
Drainage Department	2,64,568 5 10	63,058 9 3	2,06,200 11 0	2,69,259 4 3	4,690 14 5	.....
Executive Engineer's Department (Streets and Buildings)	3,372 1 1	16,376 8 5	.....	16,376 8 5	13,004 7 4	.....
Plague Department	16,941 15 0	25,265 4 9	.....	25,265 4 9	8,323 5 9	.....
Total Rs. ...	6,94,153 15 2	3,14,994 6 0	4,02,258 6 9	7,17,252 12 9	26,308 13 1	3,209 15 6
				Less— Decrease Rs.	3,209 15 6	
				Net— Increase Rs.	23,098 13 7	

A large quantity of cement purchased at the close of the year has caused the increase in the Drainage Stock. In the same way the purchase of a large stock of kerosine oil has increased the Executive Engineer's stock by over Rs. 13,000.

The Plague Stores show an increase of Rs. 8,323 owing to a large stock of perchloride of mercury and hydrochloric acid and clothing for hospital patients having remained on hand at the close of the year, owing to decreased consumption.

48. A still further advance was made during the year towards the realizations of a just conception of the value of our Reserve Stock, and the table in para. 47 will show the extent to which the value of our Stores Stock was over-rated till the question was taken in hand by this Department. Rs. 4,02,258-6-9 or 56·08 per cent. of the total book balance has been classed as "Surplus and Obsolete" and Stock which was supposed to represent an asset to the Municipality of over Rs. 4,00,000 has been found to be worth only scrap rate or be practically valueless to the Municipality.

Attempts are being made to dispose of the stores to the best advantage.

Now that the new Central Stores Department has been organized and a careful and vigilant audit check is maintained over the purchase of all stores, it is unlikely that such an accumulation of useless stores will ever occur in future.

WORKSHOPS.

49. The opening balance was Rs. 5,878-12-0 or Rs. 6,200-4-1 less than in the preceding year.

The cost of labour and supervising staff employed and of stores used on the works turned out in the shops during the year amounted to Rs. 1,26,547-10-3 against Rs. 1,11,212-2-2 in the previous year, the increase being due to certain extra works, such as the construction of 50 dust-bin, 15 drain and 22 night-soil carts for the Health Department, 50 benches for the Victoria Gardens and mandaps for the general elections, undertaken in the Workshops during the year. The total outlay on the Workshops during the year together with the opening

balance aggregated Rs. 1,32,426-6-3. The recoveries made during the year, including Rs. 1,677-2-10 realized by the sale of unserviceable stores, &c., amounted to Rs. 1,45,284-10-0 and the outstandings at the end of the year, including incomplete jobs, aggregated Rs. 3,300-2-11. There was thus a net profit of Rs. 16,158-6-8 against Rs. 14,584-8-8 realized in the preceding year and against the Budget estimate of Rs. 5,000.

By charging 35 per cent. on all jobs, a sum of Rs. 35,694-14-4 was obtained, adding to which the sum of Rs. 1,677-2-10 realized by the sale of unserviceable stores, &c., and Rs. 405-5-11, the profit realized by the hire of the pumping engine, the gross earnings of the shops aggregated Rs. 37,777-7-1, from which the following shop and supervision, etc., charges amounting to Rs. 21,619-0-5 were met, leaving a net profit of Rs. 16,158-6-8 as stated above :—

		Rs.	a.	p.
1.	Supervising Establishment	8,260	8	1
2.	Stores Establishment	1,080	0	0
3.	Shop Charges	11,460	14	2
4.	Repairs Charges	7	10	2
5.	Purchase of Machinery...	810	0	0
	Total ...Rs.	21,619	0	5

FIRE BRIGADE.

50. The Fire tax realized during the year amounted to Rs. 1,38,163-0-1, while the expenditure on the Fire Brigade Department, including the cost of appliances, &c., and interest and Sinking Fund charges on the Fire Brigade Loan has amounted to Rs. 1,24,118-9-7, leaving a surplus of Rs. 14,044-6-6. The latter amount together with the surplus of Rs. 1,10,716 up to 1902-03 shewn at page 28 of my Report for 1902-03, would give a total of Rs. 1,24,760-6-6. Deducting from the latter amount, the sum of Rs. 17,056-4-8 to be renewed in 1904-05 on account of charges incurred during 1903-04, but not paid before the close of the year, there remains a net surplus of Rs. 1,07,704-1-10 to the credit of the Fire tax.

GENERAL.

51. The increased work alluded to in my last and previous reports continued during the year under review and must, it seems to me, be recognised as a constant factor now in the work of my department. The following table shews the work done in 1903-04 as compared with 1902-03 and 1896-97 :—

Year.	Nature of work.				
	Cash Payments to Employés.	Receipt Vouchers.	Debit Vouchers.	Inward Letters.	Outward Letters.
	Rs.	No.	No.	No.	No.
1896-97	18,84,083	21,336	50,327	20,579	5,665
1897-98	19,98,311	22,217	53,967	20,362	6,117
1902-03	24,31,773	25,607	72,987	20,494	10,973
1903-04	24,33,344	26,129	66,217	17,929	10,151
Percentage of increase in 1903-04 over 1896-97	32·64%	22·43%	31·57%	12·87% Decrease.	79·19%

The following table shews the percentage, which the cost of the revenue staff of this office bears to the Actual Receipts and Expenditure, as compared with the percentage in 1897-98 :—

Year.	Cost of Staff at maximum rates of pay.	Income.	Expenditure.	Percentage of cost of staff to income.	Percentage of Cost of staff to expenditure.
1897-98	62,754	67,08,566 (a)	69,96,969 (b)	·93	·89
1903-04	*64,434*	84,82,626	84,31,390	·76	·76
Increase ...	1,680	17,74,060	14,34,421		
	or 2·68%	or 26·44 %	or 20·5 %		

* Excluding Rs. 1,080 on account of the Stores Establishment chargeable to the Workshops.

(a) Excluding a rebate of Rs. 4,37,055 to current revenue in respect of Plague expenses included in 1896-97.

(b) Excluding Rs. 5 lakhs on account of Plague expenses which were subsequently transferred to Loan Funds.

PERSONAL.

52. I was on privilege leave from 8th August to 12th September 1903, during which period my Deputy, Mr. Maneckshah Cawashah Taleyarkhan, acted for me. I cannot close this Report without putting on record my appreciation of the hearty co-operation of my Deputy, Mr. Maneckshah Cawashah Taleyarkhan, my Personal Assistant, Mr. Ruttonji Furdoonji Khambatta, my Head Audit Clerk, Mr. Bal Nilaji Pitale, and my staff generally, in not only maintaining the Department in what I trust was an efficient condition during the year, but in aiding me in my attempts to still further increase its efficiency and utility.

APPENDICES.

53. The following are the Appendices attached to my Report:—

No. 1. Revenue Account.

No. 2. Statement of Income realized during 1903-04.

No. 3. Statement of Town Duties collected and the Refunds allowed in 1903-04.

No. 3. (A). Statement of net Town Duties collected from 1894-95 to 1903-04.

No. 3. (B). Statement of gross Town Duties levied during the five years ending 31st March 1904, the Refunds allowed and the Net Income realized during that period.

No. 4. Statement showing the Final Sanctioned Expenditure Grants for 1903-04.

No. 5. Statement showing the Expenditure for 1903-04 as compared with the Final Sanctioned Grants and the Actuals for the preceding year.

No. 6. Statement showing the Surplus Cash Balance on 31st March 1904.

No. 6. (A). Statement showing the amounts of Loans raised upto 31st March 1904, the expenditure incurred therefrom, and the Invested Balances remaining on 31st March 1904.

No. 7. Statement showing the Outstanding Loans due by the Municipality on 31st March 1904.

No. 8. Statement showing the Interest Outstanding on different Municipal Loans on 31st March 1904.

No. 9. Statement of Assets and Liabilities upto 31st March 1904.

No. 9. (A). Statement showing the expenditure on different Loan Works upto 31st March 1904.

No. 9. (B). Statement showing the Invested Surplus Loan and Reserve Fund Balances on 31st March 1904, as compared with those on 31st March 1903.

No. 10. Statement showing the Expenditure on Plague operations during 1903-04.

No. 11. Water Works Income and Expenditure Account.

No. 12. Water Works Assets and Liabilities.

No. 13. Statement of total Receipts and Disbursements for the year ending 31st March 1904.

Appendix No. 1.

Revenue Account for 1903-1904.

Revenue.	Amount.	Total.	Grand Total.
Taxation Proper.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Tax	29,02,137 4 2		
2. Wheel Tax and Tolls	3,98,869 14 11		
3. Town Duties	11,68,973 2 5		
4. Licenses	1,05,514 2 0		
5. Receipts from Government for Liquor Licenses ...	2,43,756 0 0		
6. Do. do. for Tobacco Duty ...	2,10,863 11 0		
		49,52,564 15 6	
Services rendered.			
7. Halalkhore Tax	8,10,609 14 4		
8. Water Tax and other Miscellaneous Water Works Revenue	15,71,566 4 7		
		23,82,176 2 11	
Returns from Property and Miscellaneous.			
9. Market Receipts	4,53,151 0 9		
10. Public Gardens	11,242 11 9		
11. Tramway Rent	50,053 14 10		
12. Contribution from Municipal Servants towards Pension, &c., Fund	22,786 8 8		
	Rs. a. p.		
13. Interest on Investments of Surplus Loan and other Balances 1,35,912 13 5			
Interest on Sinking, Insurance, Worn-out Water Mains Renewal, School Building and Net Premia Funds Investments 2,22,616 15 5			
	3,58,529 12 10		
14. Miscellaneous (a)...	2,34,296 2 10		
		11,30,163 3 8	
		84,71,844 6 1	
15. Premium on the 4th and final instalment of Rs. 3½ Lakhs of the 24½ Lakhs Loan		10,781 4 0	
		84,82,625 10 1	
		Total Rs. ...	84,82,625 10 1

Expenditure.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Superintendence...	2,34,069 2 0		
2. Assessment and Collection and Revenue and Refund Audit Departments	2,99,459 7 4		
3. Fire Brigade	1,24,118 9 7		
4. Public Gardens—Maintenance and New Works ...	67,421 12 9		
5. Public Works (Engineer's) Department	15,81,915 1 4		
6. New Works	83,346 0 10		
7. Public Health Department	19,79,373 12 7		
8. Police Charges	5,90,381 6 0		
9. Education	1,12,857 11 3		
10. Hospitals	54,625 3 F		
11. Pensions, Gratuities and Compassionate Allowances...	57,486 13 11		
12. Contribution to the City Improvement Trust... ...	3,50,000 0 0		
		54,45,555 0 5	
13. Municipal Debt—			
Interest and Charges on Loans	22,48,157 3 5		
Reduction of debt and payment of Sinking Fund, including investment of interest accrued on Sinking Fund	6,75,406 9 3		
		29,18,563 12 8	
14. Investments—			
Municipal Buildings Fire Insurance Fund	5,000 0 0		
Interest on the Insurance, Worn-out Mains Renewal, School Building and Net Premia Funds ...	28,265 1 0		
		33,265 1 0	
15. Miscellaneous (b)		28,224 10 7	
16. Investment of the premium received on the last instalment of 3½ lakhs of the 24½ Lakhs Loan (including stamp, &c., charges paid therefrom) ...		10,781 4 0	
			84,31,389 12 8
Excess of Income over Expenditure... ...			51,235 13 5
		Total Rs. ...	84,82,625 10 1

	Rs. a. p.		Rs. a. p.
(a) Miscellaneous Fines	14,508 11 4	(b) Discretional Contingencies	6,897 14 2
Do. Receipts	1,38,406 8 2	Auditors' Allowance	8,750 0 0
Do. Fees	59,051 12 9	Election Expenses	9,966 0 3
Do. Savings	2,686 6 1	Cost of illuminating the address and of a casket sent to His Most Gracious Majesty King Edward VII on the occasion of His Majesty's Coronation	10 0 0
Profit on Municipal Workshops	16,158 6 8	Purchase of 5 sets of survey sheets	465 0 0
Actual Profit on sale of stores to contractors ...	150 0 0	Loss on account of private Works irrecoverable bills written off	31 12 4
Sale-proceeds of unserviceable tools and plant, &c.	3,334 5 10	Cost of illuminating the address of welcome presented by the Corporation to the Right Honorable Baron Lamington on his arrival in Bombay and of a silver casket to hold the address	725 0 0
			26,844 10 9
		Deduct—	
		Credit on account of the unexpended balance of the contribution towards the cost of Coronation celebrations held in Bombay in 1903, refunded by the Committee in 1903-04.	3,620 0 2
		Total ...	23,224 10 7
Total Rs. ...	2,34,296 2 10		

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

Appendix IN

STATEMENT showing the Net Receipts during the Financial Year 1903-04 from all Sources

Particulars.	Actuals for 1902-03.	Budget Estimate for 1903-04.	Revised Estimate for 1903-04.	Actuals for 1903-04.
1	2	3	4	5
Taxation Proper.	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.
General Tax at 10 per cent. (including Government and Port Trust Contributions)	25,31,510 9 5	26,10,500	27,47,700 0 0	27,64,974 4 1
Additional at ½ per cent. for Fire Brigade charges	1,29,048 11 3	1,30,500	1,37,300 0 0	1,38,163 0 1
	27,10,559 4 8	27,41,000	28,85,000 0 0	29,03,137 4 2
Wheel Tax and Tolls	3,71,012 15 0	3,46,000	3,78,000 0 0	3,98,069 11 11
Town Duties	12,19,345 10 11	11,10,000	11,63,000 0 0	11,68,973 2 5
Licenses—				
(a) Dangerous and Offensive Trades	72,288 0 0	65,000	72,000 0 0	73,890 0 0
(b) Streets and Buildings	4,230 0 0	3,500	3,525 0 0	3,590 0 0
(c) Land Conveyance, Music, &c., Licenses	25,552 4 0	24,000	25,225 0 0	28,031 2 0
Receipts from Government for Liquor Licenses	1,43,750 0 0	1,43,000	1,43,750 0 0	1,43,750 0 0
Do. do. Tobacco Duty	2,44,091 10 1	2,24,500	2,38,500 0 0	2,40,063 11 0
	47,90,829 12 8	46,38,000	49,09,000 0 0	49,59,504 15 6
Services rendered.				
Halalkhore Tax	7,95,934 7 5	7,72,000	7,92,000 0 0	8,10,609 14 4
Water Tax and other Misc. Water Works Revenue	15,13,976 3 0	15,07,000	15,57,000 0 0	15,71,566 4 7
	23,09,960 10 5	22,86,000	23,49,000 0 0	23,82,176 2 11
Returns from Property and Miscellaneous.				
Market Receipts	4,36,768 2 2	4,28,500	4,52,500 0 0	4,58,154 0 9
Public Gardens	11,004 11 9	10,000	11,000 0 0	11,342 11 9
Tramway Rent	50,053 14 10	50,000	50,053 14 10	50,053 14 10
Miscellaneous Fines	12,004 5 2	11,000	12,000 0 0	14,508 11 4
Do. Receipts	1,40,026 3 9	1,15,000	1,25,000 0 0	1,38,406 3 2
Do. Fees	39,986 7 2	42,000	55,000 0 0	59,051 12 9
Do. Savings	3,965 3 10	5,000	5,000 0 0	2,686 6 1
Contribution from Municipal Servants towards Pension, &c., Fund	22,759 0 0	19,500	20,000 0 0	22,786 3 3
Profit on Municipal Workshops	14,584 3 3	5,000	13,000 0 0	16,158 6 3
Actual Profit on Sale of Stores to Contractors, &c.	4,295 9 1	4,000	4,000 0 0	150 0 0
Sale proceeds of Unserviceable Tools and Plant, &c.	4,095 12 6	2,000	3,746 1 2	3,334 5 10
Interest on Investments of Surplus Loan and other Balances	1,37,039 7 11	1,29,000	1,43,000 0 0	1,35,912 13 5
Interest on 5, 4, and 2½ per cent. Municipal Loans Sinking Fund Investments	1,70,177 15 2	1,96,000	1,95,000 0 0	1,94,251 14 5
Interest on Municipal Buildings Fire Insurance Fund Investments	2,445 1 0	2,700	2,800 0 0	2,793 0 1
Interest on Worn-out Water Mains Renewal Fund Investments	19,280 4 0	21,400	21,600 0 0	21,416 3 7
Interest on Investments of the Net Premia, &c., Fund	4,399 0 7	1,800	2,150 0 0	1,944 0 0
Do. do. School Building Fund	2,631 7 1	2,200	2,150 0 0	2,111 13 4
	10,74,897 10 2	10,36,000	11,18,000 0 0	11,30,163 3 3
Total Rs.	81,75,688 1 3	80,10,000	83,76,000 0 0	84,71,844 6 1
Premia on the 4th and final instalment of Rs. 3½ Lakhs of the 2½ Lakhs Loan	.....	.....	10,781 4 0	10,781 4 0
Grand Total Rs.	81,75,688 1 3	80,10,000	83,86,781 4 0	84,82,625 10 1
				Less—
				Net Increase Rs.

W. B. WAITE,
Chief Accountant.

No. 2.

COME.

as contrasted with the Original Budget Estimate, the Revised Estimate and the Actuals for 1902-03.

As compared with the Original Estimate.		As compared with the Revised Estimate.		As compared with the Actuals for 1902-03.	
More.	Less.	More.	Less.	More.	Less.
6	7	8	9	10	11
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1,54,474 4 1	.....	17,274 4 1	.....	1,83,463 10 8	.....
7,663 0 1	.....	863 0 1	.....	9,114 4 10	.....
1,62,137 4 2	.....	18,137 4 2	.....	1,92,577 15 6	.....
52,069 11 11	.....	20,069 11 11	.....	27,056 12 11	.....
28,973 2 5	.....	5,973 2 5	.....	.....	50,372 8 6
8,890 0 0	.....	1,890 0 0	.....	1,602 0 0	.....
90 0 0	.....	65 0 0	.....	.....	640 0 0
4,031 2 0	.....	2,806 2 0	.....	2,478 14 0	.....
.....	250 0 0	.....	.....	.....	.....
15,563 11 0	.....	1,563 11 0	.....	.....	4,027 15 1
2,71,754 15 6	250 0 0	50,504 15 6	.....	2,28,715 10 5	55,040 7 7
31,609 14 4	.....	18,609 14 4	.....	14,625 6 11	.....
64,566 4 7	.....	14,566 4 7	.....	57,590 1 7	.....
96,176 2 11	.....	33,176 2 11	.....	72,215 8 6	.....
24,654 0 9	.....	654 0 9	.....	16,385 14 7	.....
1,342 11 9	.....	342 11 9	.....	338 0 0	.....
53 14 10	.....	.....	.....	.....	.....
3,508 11 4	.....	2,508 11 4	.....	2,504 6 2	.....
23,406 8 2	.....	13,406 8 2	.....	.....	1,620 0 7
17,051 12 9	.....	4,051 12 9	.....	19,065 5 7	.....
.....	2,313 9 11	.....	2,313 9 11	.....	1,279 2 9
3,286 8 8	.....	2,786 8 8	.....	27 8 8	.....
11,158 6 8	.....	3,158 6 8	.....	1,573 14 0	.....
.....	3,850 0 0	.....	3,850 0 0	.....	4,145 9 1
1,334 5 10	.....	.....	411 11 4	.....	761 6 8
15,912 13 5	.....	.....	7,087 2 7	.....	1,126 10 6
.....	1,648 1 7	.....	648 1 7	24,173 15 8	.....
93 0 1	.....	.....	6 15 11	347 15 1	.....
16 3 7	.....	.....	183 12 5	2,156 2 1	.....
144 0 0	.....	.....	206 0 0	.....	2,455 0 7
11 13 4	.....	.....	88 2 8	80 6 8	.....
1,01,974 15 2	7,811 11 6	26,908 12 1	14,745 8 5	66,053 7 8	11,387 14 2
4,69,906 1 7	8,061 11 6	1,10,589 14 6	14,745 8 5	3,62,584 10 7	66,428 5 9
10,781 4 0	.....	.....	.....	10,781 4 0	.....
4,80,687 5 7	8,061 11 6	1,10,589 14 6	14,745 8 5	3,73,365 14 7	66,428 5 9
8,061 11 6	*Less*—	14,745 8 5	*Less*—	66,428 5 9	
4,72,625 10 1	Net Increase ... Rs.	95,844 6 1	Net Increase ... Rs.	3,06,937 8 10	

W. L. HARVEY,
Municipal Commissioner.

APPENDIX

STATEMENT showing the Quantity and Value of several Articles upon which Town Duty was

Duty collected by	Grain and Pulse at 4 Annas per Candy.			Flour of all sorts at 75 per cent. of the rate at the time being levied on the grain from which the flour is prepared.			Wines and Spirits at 4 Annas per Gallon.			Beer at 6 Pies per Gallon.		
	Candies.	Furrahs.	Amount of Duty.	Candies.	Furrahs.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.
Bombay Port Trust.			Rs. a. p.			Rs. a. p.			Rs. a. p.			Rs. a. p.
April 1903	71,429	4	17,857 6 0	45	0	8 7 0	77,039	5	19,259 14 4	64,597	4	2,018 10 9
May ..... „	1,16,842	7	29,210 11 9	.....	...	.....	83,967	3	20,991 13 4	1,26,329	0	3,947 12 6
June ..... „	1,16,409	2	29,102 4 9	.....	...	.....	85,455	7	21,363 15 4	1,49,069	0	4,658 6 6
July ..... „	42,589	7	10,647 7 3	.....	...	.....	89,021	6	22,255 7 4	1,38,622	5	4,328 13 4
August ..... „	42,864	5	10,591 2 6	.....	...	.....	78,408	5	19,602 2 7	80,423	0	2,513 3 6
September ..... „	37,250	3	9,312 9 3	0	3	0 1 0	86,213	0	21,553 4 4	34,116	0	1,066 2 0
October ..... „	32,578	0	8,144 8 0	.....	...	.....	97,393	7	24,348 7 3	1,26,362	4	3,948 13 3
November ..... „	42,480	7	10,620 3 9	.....	...	.....	82,093	7	20,523 7 9	1,15,691	6	3,615 5 9
December ..... „	66,163	1	16,540 12 9	.....	5	0 2 0	1,01,014	0	25,253 8 1	79,362	5	2,476 15 4
January 1904	70,576	4	17,644 2 0	1	0	0 3 0	95,262	0	23,815 8 0	1,02,314	0	3,197 5 0
February ..... „	60,633	2	15,158 5 0	.....	...	.....	86,924	1	21,731 0 4	1,09,666	0	3,427 1 0
March..... „	97,949	4	24,487 6 0	0	4	0 1 6	1,02,930	5	25,732 10 4	99,843	0	3,120 1 7
Total...	7,97,267	6	1,99,316 15 0	47	4	8 14 6	10,65,724	6	2,66,431 3 0	12,26,197	0	38,318 10 6
G. I. P. Railway.												
April 1903	92,273	2	23,068 5 0	0	3	0 1 0	136	2	34 1 0	228	0	7 2 0
May ..... „	2,06,845	6	51,711 7 0	7	5	1 7 0	91	2	22 13 0	544	0	17 0 0
June ..... „	1,25,123	4	31,282 2 0	.....	...	.....	86	0	21 8 0	172	0	5 6 0
July ..... „	39,213	6	9,803 7 0	.....	...	.....	38	0	9 8 0	648	0	20 4 0
August ..... „	79,805	0	19,826 4 0	366	5	68 12 0	143	0	35 12 0	656	0	20 8 0
September ..... „	76,254	6	19,063 11 0	1,026	0	192 6 0	67	6	16 15 0	76	0	2 6 0
October ..... „	82,992	2	20,748 1 0	834	5	156 8 0	180	0	45 0 0	1,114	0	34 13 0
November..... „	99,175	2	24,793 13 0	682	3	127 15 0	98	4	24 10 0	140	0	4 6 0
December ..... „	1,19,985	6	29,996 7 0	417	0	78 3 0	174	2	42 9 0	114	0	3 9 0
January 1904	88,853	0	22,213 4 0	897	3	168 4 6	96	0	24 0 0	2,852	0	89 2 0
February ..... „	73,200	6	18,300 3 0	433	3	81 4 0	54	0	13 8 0	1,112	0	34 12 0
March ..... „	1,01,057	2	25,264 5 0	465	0	87 3 0	69	0	17 4 0	382	0	11 15 0
Total...	11,84,285	2	2,96,071 5 0	5,130	3	961 15 0	1,234	0	308 8 0	8,038	0	251 3 0
B. B. & C. I. Railway Co.												
April 1903	31,784	2	7,946 1 0	.....	...	.....	.....	...	.....	.....	...	.....
May ..... „	38,511	0	9,627 12 0	.....	...	.....	.....	...	.....	.....	...	.....
June ..... „	34,520	4	8,630 2 0	.....	...	.....	6	0	1 8 0	.....	...	.....
July ..... „	12,526	6	3,131 11 0	.....	...	.....	.....	...	.....	.....	...	.....
August ..... „	21,916	0	5,479 0 0	.....	...	.....	.....	...	.....	.....	...	.....
September..... „	28,558	0	7,139 8 0	.....	...	.....	.....	...	.....	.....	...	.....
October ..... „	29,473	4	7,368 6 0	189	3	35 8 0	.....	...	.....	.....	...	.....
November..... „	51,412	4	12,853 2 0	406	5	76 4 0	2	0	0 8 0	.....	...	.....
December ..... „	30,723	0	7,680 12 0	1,106	0	207 6 0	.....	...	.....	.....	...	.....
January 1904	31,097	4	7,774 6 0	.....	...	.....	.....	...	.....	.....	...	.....
February ..... „	22,259	0	5,564 12 0	.....	...	.....	132	0	33 0 0	44	0	1 6 0
March..... „	24,441	0	6,110 4 0	164	0	30 12 0	.....	...	.....	.....	...	.....
Total...	3,57,223	0	89,305 12 0	1,866	0	349 14 0	140	0	35 0 0	44	0	1 6 0
Grand Total...	23,38,776	0	5,84,694 0 0	7,043	7	1,320 11 6	10,67,098	6	2,66,774 11 0	12,34,279	0	38,571 3 6
Deduct— Refunds passed by the Revenue and Refund Audit Officer.....	12,26,583	0	3,06,645 12 0	1,29,399	5	24,262 7 0	63,055	0	15,763 12 0	9,70,886	0	30,340 3 0
Net Revenue ...	11,12,193	0	2,78,048 4 0	.....	...	.....	10,04,043	6	2,51,010 15 0	2,63,393	0	8,231 0 6
Less— Refunds passed in excess of collections	.....	...	.....	1,22,355	6	22,941 11 6	.....	...	.....	.....	...	.....

ABSTRACT.

		Rs. a. p.	Rs. a. p.
Balance on 31st March 1903—			
Port Trust		9,522 9 6	
G. I. P. Railway		13,551 5 0	
B. B. & C. I. Railway Co.		1,757 7 0	
			24,831 5 6
Add— Collections in 1903-1904—			
Port Trust		19,40,017 13 0	
G. I. P. Railway		4,32,367 8 3	
B. B. & C. I. Railway Co.		1,93,037 5 9	
			26,15,422 11 0
			26,40,254 0 6
Deduct— Refunds paid in 1903-1904		14,42,364 3 0	
	Rs. a. p.		
Balance on 31st March 1904.. Port Trust	26,388 3 1		
G. I. P. Railway	10,111 3 0		
B. B. & C. I. Railway Co.	583 13 0		
		37,083 3 1	
			14,79,447 6 1
			11,60,806 10 5
Add—Refunds wrongfully obtained by certain parties and recovered from them in 1903-04		...	8,166 3 0
Total Balance as per Book...		Rs.	11,68,973 2 5

W. E. WAITE,
Chief Accountant.

No. 3.

levied during 1903-1904 under Section 192 (1) of The City of Bombay Municipal Act, 1888.

Sugar at 8 Annas per Cwt.			Ghee at 10 Annas per Maund.			Timber at 2½ per Cent. on Market Value.			Firewood at 1 Anna per Candy.			Total Monthly Collections.
Cwts. qrs. lbs.	Amount of Duty.		Maunds.	Seers.	Amount of Duty.	Value.	Amount of Duty.		Candies.	Maunds.	Amount of Duty.	
	Rs. a. p.				Rs. a. p.	Rs. a. p.	Rs. a. p.				Rs. a. p.	Rs. a. p.
1,22,271 3 8	61,135 14 3		5,134	17	3,209 0 3	7,75,209 2 8	19,380 3 8		87,445	14	5,465 5 6	1,28,334 13 9
1,82,916 1 7	91,458 2 6		4,702	26	2,939 2 6	2,78,642 1 4	6,966 0 10		69,787	7	4,358 9 3	1,59,872 4 8
1,85,799 3 10	92,884 14 9		2,161	37	1,351 3 3	5,64,633 8 8	14,115 13 5		4,133	14	258 5 6	1,63,734 15 5
2,5,859 2 11	32,434 12 9		52	0	32 8 0	2,29,366 7 4	5,734 2 7		466	14	29 2 6	75,462 5 9
1,25,703 0 24	62,851 9 9		1,031	26	644 12 6	2,40,370 10 0	6,009 4 3		538	14	33 10 6	1,02,245 13 7
2,66,544 0 0	1,33,272 0 0		2,831	37	1,769 15 3	3,34,925 0 0	8,373 2 0		6,535	14	408 7 6	1,76,255 9 4
2,84,363 3 7	1,42,181 14 6		5,694	11	2,308 14 9	4,24,458 5 4	10,611 7 4		30,858	14	1,928 10 6	1,93,172 11 7
1,65,612 3 17	82,806 7 3		3,934	23	2,459 1 9	4,60,027 4 8	11,500 10 11		29,742	0	1,858 14 0	1,33,324 3 2
3,02,900 2 7	1,51,450 4 6		2,158	14	1,348 15 6	4,48,503 15 4	11,212 9 7		44,515	0	2,782 3 0	2,11,065 6 9
1,91,336 1 11	95,668 2 9		3,852	8	2,407 10 0	4,58,324 12 8	11,458 1 11		58,332	14	3,648 14 6	1,57,839 15 2
3,81,013 3 0	1,90,506 14 0		9,258	27	5,786 10 10	10,60,643 12 0	26,516 1 6		87,621	7	5,476 5 3	2,68,602 5 11
1,81,958 1 11	90,979 2 9		8,138	6	5,086 5 6	6,05,822 14 8	15,145 9 2		88,135	0	5,195 15 0	1,69,747 3 10
24,55,260 1 24	12,27,630 3 9		46,950	32	29,344 4 1	59,00,927 14 8	1,47,523 3 2		5,03,111	0	31,444 7 0	19,40,017 13 0
8,697 1 14	4,348 11 0		7,316	28	4,572 15 0	17,085 0 0	427 2 0		3,031	0	189 7 0	32,647 12 0
8,426 0 0	4,213 0 0		12,457	12	7,785 13 0	18,790 0 0	469 12 0		4,486	0	280 6 0	64,501 10 0
6,267 2 14	3,133 13 0		7,422	35	4,639 4 9	12,087 8 0	302 8 0		2,526	0	157 14 0	39,542 2 9
5,011 2 14	2,505 13 0		6,736	13	4,210 3 3	12,255 0 0	306 6 0		2,434	0	152 2 0	17,007 11 3
8,812 3 14	4,406 7 0		5,743	10	3,589 8 6	12,665 0 0	316 10 0		6,517	0	407 5 0	28,671 2 6
8,114 0 14	4,057 1 0		12,456	18	7,847 12 6	6,595 0 0	164 14 0		3,988	0	249 4 0	31,594 5 6
12,598 3 14	6,349 7 0		53,166	24	20,729 2 0	14,365 0 0	359 2 0		2,337	0	146 1 0	48,568 2 0
6,475 1 0	3,237 10 0		38,251	24	23,907 4 0	14,460 0 0	361 8 0		2,842	0	177 10 0	52,634 12 0
11,928 2 0	5,964 4 0		29,411	21	18,382 3 3	27,595 0 0	689 14 0		3,928	0	245 8 0	55,403 9 3
4,356 1 14	2,178 3 0		27,778	30	17,361 11 6	21,040 0 0	526 0 0		6,352	0	397 0 0	42,957 8 6
8,550 2 0	4,275 4 0		15,219	14	9,512 1 6	13,350 0 0	333 12 0		4,882	0	305 2 0	32,855 14 6
6,120 0 24	3,060 1 9		11,257	13	7,035 13 3	12,990 0 0	324 12 0		2,904	0	181 8 0	35,982 14 0
95,459 1 10	47,729 10 9		2,07,318	2	1,29,573 12 6	1,83,277 8 0	4,581 16 0		46,227	0	2,889 3 0	4,82,367 8 3
1 0 14	0 9 0		11,155	36	6,972 7 0	.....	.....		2,248	0	140 8 0	15,059 9 0
6 0 14	3 1 0		13,069	20	8,168 7 0	2,150 0 0	53 12 0		1,661	0	103 13 0	17,956 13 0
2 1 0	1 2 0		16,463	20	10,289 11 0	5,275 0 0	131 14 0		1,441	0	90 1 0	19,144 6 0
7 2 0	3 12 0		15,371	24	9,607 4 0	.....	.....		2,410	0	150 10 0	12,893 5 0
.....	.....		19,645	16	12,278 6 0	270 0 0	6 12 0		3,029	0	189 5 0	17,953 7 0
.....	.....		13,002	24	8,126 10 0	400 0 0	10 0 0		2,418	0	151 2 0	15,427 4 0
0 3 0	0 6 0		8,200	16	5,130 14 0	295 0 0	7 6 0		915	0	57 3 0	12,599 11 0
1 3 0	0 14 0		11,260	36	7,038 1 0	107 8 0	2 11 0		425	0	26 9 0	19,998 1 0
1 1 0	0 10 0		11,419	8	7,137 0 0	1,455 0 0	36 6 0		2,733	0	170 13 0	13,333 15 0
4 2 0	2 4 0		16,162	31	10,101 11 9	3,232 8 0	80 13 0		4,201	0	262 9 0	18,221 11 9
3 2 14	1 13 0		14,441	36	9,026 3 0	3,845 0 0	96 2 0		3,930	0	249 6 0	14,972 10 0
4 2 0	2 4 0		11,488	32	7,180 8 0	4,500 0 0	112 8 0		2,261	0	141 5 0	13,577 9 0
33 1 14	16 11 0		1,61,691	19	1,01,057 2 9	21,530 0 0	538 4 0		27,732	0	1,733 4 0	1,93,037 5 9
25,50,753 0 20	12,75,376 9 6		4,15,960	13	2,59,975 3 4	61,05,735 6 8	1,52,643 6 2		5,77,070	0	36,066 14 0	26,15,422 11 0
21,78,520 1 0	10,89,260 2 0		62,942	22	*38,687 13 0	9,33,580 0 0	23,339 8 0		.....		.....	15,28,299 9 0
3,72,232 3 20	1,86,116 7 6		3,53,017	31	2,21,287 6 4	51,72,155 6 8	1,29,303 14 2		5,77,070	0	36,066 14 0	11,10,004 13 6
.....	.....		.....		.....	.....	.....		.....		.....	22,941 11 6
											Net Revenue...Rs.	10,87,123 2 0

	Quantity. Mds. S.	Amount. Rs. a. p.
*Ghee at 8 annas per maund.	5,210 10	2,605 2 0
" " 10 " " ...	57,732 12	36,082 11 0
Total...	62,942 22	38,687 13 0

W. L. HARVEY,
Municipal Commissioner.

Appendix No. 3 A.

Statement showing the net Revenue derived on different dutiable articles during the last ten years commencing from 1894-1895.

Articles.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.	1899-1900.	1900-01.	1901-02.	1902-03.	1903 04.
	@ annas 2.	@ annas 2.	@ annas 2.	@ annas 2.	@ annas 4.	@ annas 6.	@ annas 6.	@ annas 4.	@ annas 4.	@ annas 4.
Grain	1,31,134 0 0	1,2?,977 0 0	1,33,323 0 0	1,44,402 0 0	2,62,317 0 0	6,23,352 0 0	3,12,928 0 0	2,61,194 0 0	2,98,904 0 0	2,78,048 0 0
	@ annas 1-6.	@ annas 1-3.	@ annas 1-6.	@ annas 1-6.	@ annas 3.	@ annas 4-6.	@ annas 4-6.	@ annas 3.	@ annas 3.	@ annas 3.
Flour	*—9,466 0 0*	*—10,189 0 0*	*—8,895 0 0*	*—5,486 0 0*	*—15,950 0 0*	*—28,006 0 0*	*—29,637 0 0*	*—18,856 0 0*	*—21,741 0 0*	*—22,942 0 0*
	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.
Wines and Spirits ...	1,97,533 0 0	2,10,364 0 0	1,99,310 0 0	2,15,037 0 0	2,41,796 0 0	2,35,986 0 0	2,19,736 0 0	2,27,911 0 0	2,35,030 0 0	2,51,011 0 0
	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.
Beer	6,020 0 0	11,140 0 0	9,147 0 0	11,810 0 0	14,763 0 0	13,504 0 0	7,818 0 0	15,468 0 0	10,575 0 0	8,231 0 0

	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	
Sugar	2,25,897 0 0	2,09,927 0 0	1,59,595 0 0	3,53,485 0 0	1,20,787 0 0	2,25,358 0 0	3,27,058 0 0	2,47,922 0 0	3,34,780 0 0	1,86,117 0 0	
	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 8	@ annas 10.	
Ghee	1,67,176 0 0	1,79,346 0 0	1,35,111 0 0	1,43,757 0 0	1,80,032 0 0	2,20,293 0 0	2,06,715 0 0	2,02,653 0 0	1,63,756 0 0	2,21,287 0 0	
	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	
Timber	1,01,839 0 0	1,10,911 0 0	89,431 0 0	94,281 0 0	1,21,376 0 0	1,12,607 0 0	1,01,638 0 0	1,03,796 0 0	1,04,358 0 0	1,29,304 0 0	
	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	@ annas 2.	@ annas 2.	@ annas 2.	@ anna 1.	@ anna 1.	@ anna 1.	
Firewood	36,774 0 0	40,903 0 0	26,618 0 0	34,670 0 0	67,833 0 0	80,953 0 0	70,775 0 0	42,159 0 0	34,754 0 0	36,067 0 0	
Total Rs...	8,56,907 0 0	8,81,379 0 0	7,43,640 0 0	9,91,956 0 0	9,92,954 0 0	14,83,027 0 0	12,17,026 0 0	10,82,247 0 0	11,60,416 0 0	10,87,123 0 0	

N.B.—This statement shows the net Revenue *payable* to the Municipality after deducting from gross collections refunds *passed* for payment by the R. and R. Audit Officer though such refunds may not actually have been fully paid.

W. E. WAITE,

Chief Accountant.

W. L. HARVEY,

Municipal Commissioner.

APPEN

Statement showing the actual Collections, Refunds admitted and Net

ARTICLES.	1899-1900.			1900-1901.		
	Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain	11,91,437 2 9	5,68,085 1 0	6,23,352 1 9	11,82,952 13 4	8,70,025 5 0	3,12,927 8 4
Flour	82 3 0	28,087 12 0	—28,005 9 0	61 4 0	29,697 14 0	—29,636 10 0
Wines and Spirits	2,51,590 7 5	15,604 7 0	2,35,986 0 5	2,35,383 2 10	15,646 15 0	2,19,736 3 10
Beer	38,571 1 5	26,067 9 0	12,503 8 5	36,203 15 9	28,385 11 0	7,818 4 9
Sugar	7,43,911 14 9	5,18,554 6 0	2,25,357 8 9	11,54,320 2 9	8,27,262 5 0	3,27,057 13 9
Ghee	2,58,922 7 0	38,629 8 0	2,20,292 15 0	2,77,498 13 0	70,783 10 0	2,06,715 3 0
Timber	1,22,553 13 6	9,946 15 0	1,12,606 14 6	1,26,813 10 5	25,180 6 0	1,01,633 4 5
Firewood	80,933 11 3	.....	80,933 11 3	70,774 12 3	.....	70,774 12 3
Total Rs. ...	26,88,002 13 1	12,04,975 10 0	14,83,027 3 1	30,84,008 10 4	18,66,982 2 0	12,17,026 8 4

N.B.—*Vide* foot-note on page 37.

W. E. WAITE,
Chief Accountant.

DIX 3 B.

Revenue during the five years from 1899-1900 *to* 1903-04.

1901-1902.			1902-1903.			1903-1904.		
Gross Collections.	Refunds.	Net Revenue.	Gross. Collections.	Refunds.	Net. Revenue.	Gross. Collections.	Refunds.	Net Revenue.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
5,42,702 0 0	2,81,509 0 0	2,61,194 0 0	5,67,289 4 9	2,68,384 13 0	2,98,904 7 9	5,84,694 0 0	3,06,645 12 0	2,78,048 4 0
46 0 0	18,901 0 0	—18,856 0 0	21 15 6	21,763 2 0	—21,741 2 6	1,320 11 6	24,262 7 0	—22,941 11 6
2,43,165 0 0	15,254 0 0	2,27,911 0 0	2,53,831 6 7	18,801 13 0	2,35,029 9 7	2,66,774 11 0	15,763 12 0	2,51,010 15 0
40,922 0 0	25,454 0 0	15,468 0 0	40,098 4 2	29,523 0 0	10,575 4 2	38,571 3 6	30,340 3 0	8,231 0 6
9,59,368 0 0	7,11,446 0 0	2,47,922 0 0	10,80,011 14 0	7,45,231 10 0	3,34,780 4 0	12,75,376 9 6	10,89,260 2 0	1,86,116 7 6
2,36,183 0 0	33,530 0 0	2,02,653 0 0	2,06,917 7 9	43,161 14 0	1,63,755 9 9	2,59,975 3 4	38,687 13 0	2,21,287 6 4
1,24,859 0 0	21,063 0 0	1,03,796 0 0	1,30,969 13 9	26,611 15 0	1,04,357 14 9	1,52,643 6 2	23,339 8 0	1,29,303 14 2
42,159 0 0	.....	42,159 0 0	34,753 12 3	.....	34,753 12 3	36,066 14 0	.....	36,066 14 0
21,89,404 0 0	11,07,157 0 0	10,82,247 0 0	28,13,893 14 9	11,53,478 3 0	11,60,415 11 9	26,15,422 11 0	15,28,299 9 0	10,87,123 2 0

W. L. HARVEY,
Municipal Commissioner.

Appendix No. 4.

CONTRASTED STATEMENT showing the Original Budget Grants for 1903-1904, Renewed Grants for 1902-1903 and previous years, Additional Grants, Transfers, Modifications as per the Revised Estimates for 1903-1904, and the Grants as finally sanctioned.

PARTICULARS.	Original Grants sanctioned by the Corporation as per Section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for 1901-1902 and previous years required for expenditure in 1903-1904, and of transfers sanctioned in 1902-1903, but not utilized during that year.	Lapsed Grants for 1902-1903 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 133 (1) b & c and (2).	Deduct Transfers as per Section 133 (1) a & c.	Total.	Less anticipated Savings as per Revised Estimates of expenditure for 1903-1904.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
GENERAL SUPERINTENDENCE—									
Corporation and Standing Committee's Establishment	58,432 0 0	1,805 15 4	0 4 8	2,180 1 4	1,579 10 10	570 0 0	63,228 0 2	120 0 0	63,108 0 2
Municipal Commissioner's Personal Office Establishment	61,617 0 0	104 10 0	.....	892 8 3	.....	1,155 14 4	61,458 3 11	453 3 9	61,005 0 2
General Office Establishment	37,473 0 0	15 1 9	8,891 1 4	18,059 13 0	42 4 0	.....	64,481 4 1	.....	64,481 4 1
Accounts and Expenditure Audit Establishment	66,266 0 0	125 7 4	.....	300 3 1	200 0 0	242 4 0	66,649 6 5	173 0 0	66,476 6 5
Total Rs.	2,23,788 0 0	1,851 2 5	8,891 6 0	21,432 9 8	1,821 14 10	1,968 2 4	2,55,816 14 7	746 3 9	2,55,070 10 10
ASSESSMENT AND COLLECTION DEPARTMENT—									
Property and Wheel Tax Establishment	1,58,289 0 0	898 14 10	116 0 0	881 12 7	748 5 8	619 5 8	1,60,314 11 5	300 0 0	1,60,014 11 5
Town Duty Collection	77,000 0 0	4,690 12 1	.....	.....	450 0 0	.....	82,140 12 1	.....	82,140 12 1
Tolls Collection	2,079 0 0	.....	35 12 0	.....	.....	.....	2,114 12 0	645 5 0	1,469 7 0
Licensing Establishment	31,476 0 0	37 8 8	34 12 1	488 0 0	144 13 6	127 10 0	32,053 7 10	1,900 12 5	30,152 11 5
Revenue and Refund Audit Office Establishment	26,064 0 0	2,075 0 0	.....	.....	3,155 0 0	450 0 0	30,844 0 0	343 0 2	30,500 15 10
Total Rs.	2,94,908 0 0	7,702 3 2	186 8 1	1,369 12 7	4,498 3 2	1,196 15 8	*3,07,467 11 4	3,189 1 7	3,04,278 9 9
FIRE BRIGADE	1,23,222 0 0	14,655 3 1	230 0 0	8,697 5 2	450 0 0	450 0 0	1,46,804 8 3	.....	1,46,804 8 3
MAINTENANCE OF PUBLIC GARDENS—									
Victoria Gardens—Maintenance	55,373 0 0	800 0 0	2,070 2 6	7,611 6 4	3,317 1 6	428 0 0	68,743 10 4	560 15 5	68,182 10 11
Do. —New Works	.....	1,250 0 0	.....	.....	.....	.....	1,250 0 0	.....	1,250 0 0
Elphinstone Circle Garden	1,660 0 0	.....	.....	.....	.....	300 0 0	1,360 0 0	.....	1,360 0 0
Falkland Road do.	420 0 0	.....	.....	.....	.....	100 0 0	320 0 0	.....	320 0 0
Northbrook do.	1,626 0 0	.....	.....	.....	.....	300 0 0	1,226 0 0	.....	1,226 0 0
Sir C. Jehangir Mahim do.	628 0 0	.....	.....	.....	.....	200 0 0	428 0 0	.....	428 0 0
Bazaar Gate Street do.	652 0 0	.....	.....	.....	.....	.....	652 0 0	.....	652 0 0
Dick's Tank do.	370 0 0	.....	.....	.....	.....	100 0 0	270 0 0	.....	270 0 0
Malabar Hill do.	730 0 0	.....	.....	.....	.....	150 0 0	580 0 0	.....	580 0 0
Total Rs.	61,559 0 0	2,050 0 0	2,070 2 6	7,611 6 4	3,317 1 6	1,578 0 0	74,829 10 4	560 15 5	74,268 10 11
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—									
I. General Supervision and Miscellaneous Duties	58,376 0 0	2,556 12 1	1,626 4 5	52 12 8	1,227 6 9	1,227 6 9	63,118 13 2	612 2 3	62,506 10 11
II. DRAINAGE—									
A. Miscellaneous Drainage	1,42,261 0 0	2,265 0 0	697 8 0	11,525 4 1	1,222 0 0	1,222 0 0	1,46,748 12 1	93 2 1	1,46,655 10 0
B. Maintenance of Love Grove Pumping Station	1,08,151 0 0	.....	.....	1,172 4 7	.....	1,765 0 0	1,07,558 4 7	65 5 7	1,07,492 15 0
C. Maintenance of Sluices	3,840 0 0	.....	.....	.....	.....	.....	3,840 0 0	.....	3,840 0 0
D. Do. of Pumping Station, Colaba	27,326 8 0	.....	.....	442 1 6	.....	.....	27,768 9 6	1,074 4 8	26,694 4 10
E. Air Compressor Station at Love Grove	34,607 8 0	90 14 8	.....	4 8 0	3,519 13 0	1,754 13 0	36,427 14 8	651 6 6	35,776 8 2
III. WATER WORKS MAINTENANCE	2,06,245 0 0	9,153 15 6	7,351 6 8	36,247 10 9	4,800 0 0	1,800 0 0	2,61,998 0 11	43 7 0	2,61,954 9 11
IV. STREETS AND BUILDINGS—									
A. Inspection and Supervision	82,383 0 0	.....	651 6 0	1 0 0	1,550 0 0	.....	84,584 6 0	.....	84,584 6 0
B. Public Lighting	2,73,044 0 0	.....	.....	300 0 0	.....	4,289 1 6	2,74,055 14 6	811 5 3	2,73,244 9 3
C. Road Watering	71,000 0 0	1 2 7	.....	5,520 8 5	.....	.....	76,521 11 0	.....	76,521 11 0
D. Roads, Foot-paths, &c.	3,85,818 0 0	.....	8,661 1 11	44,430 5 6	.....	.....	4,38,929 7 5	.....	4,38,929 7 5
E. Street Improvements	1,00,000 0 0	.....	.....	68,424 5 6	.....	.....	1,68,424 5 6	.....	1,68,424 5 6
F. Compensation for Insanitary Buildings demolished	3,780 0 0	.....	7,407 12 9	2,500 0 0	.....	.....	13,687 12 9	.....	13,687 12 9
V. Cleaning, Lighting and Repairing Port Trust Wharves Roads	38,642 0 0	.....	.....	.....	.....	.....	38,642 0 0	.....	38,642 0 0
Total Rs.	15,30,944 0 0	14,027 12 10	26,395 7 9	1,70,647 18 0	12,319 3 9	12,088 5 3	17,42,276 0 1	3,351 1 4	17,38,924 14 9
Carried over...	22,24,221 0 0	40,236 3 6	37,773 8 4	2,09,758 14 9	22,406 7 3	17,251 7 3	25,27,194 12 7	7,847 6 1	25,19,347 6 6

Appendix No. 4—*continued.*

Particulars.	Original Grants sanctioned by the Corporation as per Section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for 1901-1902 and previous years required for expenditure in 1903-1904 and of transfers sanctioned in 1902-1903, but not utilized during that year.	Lapsed Grants for 1902-1903 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 133 (1) *b* & *c* and 2.	Deduct Transfers as per Section 133 (1) *a* & *c*.	Total.	Less anticipated Savings as per Revised Estimates of expenditure for 1903-1904.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ..	22,34,221 0 0	40,286 5 6	37,778 8 4	2,09,758 14 9	22,406 7 3	17,251 7 3	25,27,194 12 7	7,847 6 1	25,19,347 6 6
NEW WORKS	65,056 0 0	47,193 12 2	19,777 3 8	63,914 13 1	11,542 0 0	....	2,06,483 12 11	4,765 4 8	2,01,718 8 3
PUBLIC HEALTH DEPARTMENT—									
I. General Supervision	95,135 0 0	.....	92 11 7	37 15 0	275 0 0	....	95,540 10 7	754 3 0	94,786 7 7
II. Conservancy Branch.....	15,89,646 0 0	10,067 5 8	63,256 6 8	19,042 13 2	14,203 12 8	28,172 2 0	16,68,144 4 2	13,773 4 4	16,54,370 15 10
III. Markets and Slaughter-houses	1,50,579 0 0	1,055 10 1	2,006 8 0	13,681 4 7	3,894 3 0	3,062 1 10	1,68,154 7 10	7,854 0 0	1,60,300 7 10
IV. Registration of Births and Deaths	90,969 0 0	.....	....	....	130 0 0	2,266 10 8	88,832 5 4	1,385 11 0	87,446 10 4
V. Cemeteries	19,172 0 0	367 13 5	1,457 0 0	92 10 2	100 0 0	2,325 4 0	18,864 3 7	3,243 6 9	15,620 12 10
VI. Laboratory	9,600 0 0	.....	....	....	400 0 0	400 0 0	9,600 0 0	100 0 0	9,500 0 0
VII. Mahalaxmi Dhobiwada	15,586 0 0	.....	....	652 6 10	5 0 0	....	16,243 6 10	0 1 5	16,243 5 5
VIII. Infectious Diseases	56,858 0 0	.....	....	538 4 4	1,070 4 0	957 0 0	57,309 8 4	....	57,309 8 4
IX. Milch-cattle Stables and Rooms	6,728 0 0	.....	....	270 0 0	.....	....	6,998 0 0	26 7 4	6,971 8 8
X. Tank Conservancy	5,910 0 0	.....	....	....	....	....	5,910 0 0	20 8 0	5,889 8 0
XI. Rustomji Jamsetji Dharam-sala, Falkland Road	377 0 0	.....	....	42 0 0	....	....	419 0 0	84 0 0	335 0 0
XII. Vaccination Contribution to Government.....	17,702 0 0	.....	....	....	....	....	17,702 0 0	....	17,702 0 0
Total Rs.	20,58,262 0 0	11,490 13 2	66,812 10 3	34,157 6 1	20,178 3 8	37,183 2 6	21,53,717 14 8	27,241 9 10	21,26,476 4 10
POLICE CHARGES	5,00,000 0 0	5,441 5 1	.....	.....	.....	.....	5,05,441 5 1	.....	5,05,441 5 1
Cost of alterations in the three rooms belonging to the Municipality at the back of the Pydhoni Police station and of remodelling the Drainage arrangements of the station	.....	1,384 0 0	.....	.....	.....	.....	1,384 0 0	.....	1,384 0 0
Total Rs.	5,00,000 0 0	6,825 5 1	.....	.....	.....	.....	5,06,825 5 1	.....	5,06,825 5 1
EDUCATION—									
Primary Education	80,000 0 0	.....	.....	.....	.....	.....	80,000 0 0	.....	80,000 0 0
School for Deaf and Dumb Mutes..	1,800 0 0	.....	.....	.....	.....	.....	1,800 0 0	.....	1,800 0 0
Veterinary College	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0	.....	2,500 0 0
Victoria and Albert Museum ...	11,000 0 0	.....	.....	51 15 2	.....	.....	11,051 15 2	145 15 2	10,906 0 0
Victoria Jubilee Technical Institute	10,000 0 0	.....	.....	.....	.....	.....	10,000 0 0	.....	10,000 0 0
Joint Schools Committee Establishment.....	8,436 0 0	.....	.....	307 14 10	.....	.....	8,743 14 10	.....	8,743 14 10
Total Rs.	1,13,736 0 0	.....	.....	51 15 2	307 14 10	.....	1,14,093 14 0	145 15 2	1,13,949 14 10
HOSPITALS, &C.—									
Gokuldas Tejpal Hospital	36,000 0 0	.....	.....	.....	....	.....	36,000 0 0	2,374 12 11	33,625 3 1
Jaffer Sulleman Dispensary	3,000 0 0	.....	.....	.....	.....	.....	3,000 0 0	.....	3,000 0 0
Homeless Leper Asylum, Matoonga	18,000 0 0	.....	.....	.....	.....	.....	18,000 0 0	.....	18,000 0 0
Total Rs.	57,000 0 0	.....	.....	.....	.....	.....	57,000 0 0	2,374 12 11	54,625 3 1
MISCELLANEOUS—									
Pensions, Gratuities and Compassionate Allowances	60,000 0 0	903 0 10	.....	1,251 5 5	250 14 0	250 14 0	62,154 6 3	59 12 0	62,094 9 3
Discretional Contingencies	7,000 0 0	.....	.....	2,581 5 1	.....	.....	9,581 5 1	.....	9,581 5 1
Auditors' Allowance.....	10,000 0 0	.....	.....	.....	.....	.....	10,000 0 0	.....	10,000 0 0
Election Expenses.....	10,000 0 0	.....	.....	.....	.....	.....	10,000 0 0	.....	10,000 0 0
Cost of a Casket for the address of congratulations presented to His Most Gracious Majesty King Edward VII, Emperor of India, on the occasion of His Majesty's Coronation	.....	.....	55 8 0	.....	.....	.....	55 8 0	45 8 0	10 0 0
Purchase of 5 sets of survey sheets ..	.....	.....	465 0 0	.....	.....	.....	465 0 0	.....	465 0 0
MISCELLANEOUS—Carried over .. Rs.	87,000 0 0	903 0 10	520 8 0	3,832 10 6	250 14 0	250 14 0	92,256 3 4	105 5 0	92,150 14 4
Carried over, Rs.	30,82,275 0 0	1,05,796 3 11	1,24,363 6 8	3,06,883 1 1	54,424 9 9	54,424 9 9	35,55,317 11 3	42,375 0 2	35,12,942 10 7

Appendix No. 4—*concluded.*

Particulars.	Original Grants sanctioned by the Corporation as per Section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for 1901-1902, and previous years required for Expenditure in 1903-04 and of Transfers sanctioned in 1902-03 but not utilized during that year.	Lapsed Grants for 1902-1903 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 133 (1) *b* & *c* and 2.	Deduct Transfers as per Section 133 (1) *a* & *c*.	Total.	Less anticipated Savings as per Revised Estimates of expenditure for 1903-04.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ..Rs.	50,23,875 0 0	1,05,736 3 11	1,24,262 6 8	3,06,883 1 1	54,434 9 9	54,434 9 9	55,65,817 11 8	42,875 0 8	55,22,942 10 0
MISCELLANEOUS—Brought forward...	87,000 0 0	903 0 10	520 8 0	3,832 10 6	250 14 0	250 14 0	92,256 3 4	105 5 0	92,150 14 4
Cost of illuminating the address of welcome to the Right Hon'ble Baron Lamington, the Governor of Bombay	.....	750 0 0	.....	.....	.....	.....	750 0 0	....	750 0 0
Loss on account of Private works irrecoverable bills written off....	.....	31 12 4	.....	.....	.....	.....	31 12 4	....	31 12 4
Total Rs.	87,000 0 0	1,684 13 2	520 8 0	3,832 10 6	250 14 0	250 14 0	93,037 15 8	105 5 0	92,932 10 8
Contribution to the City Improvement Trust	3,50,000 0 0	.....	.....	.....	.....	.....	3,50,000 0 0	....	3,50,000 0 0
MUNICIPAL DEBT— Interest on Loans	21,50,946 5 2	.....	69,550 15 6	1,77,501 0 6	.....	.....	23,97,998 -5 2	9,500 0 0	23,88,398 5 2
Charges on Loans	9,099 0 0	.....	.....	.....	.....	.....	9,099 0 0	....	9,099 0 0
Payments towards the Reduction of Debt	87,904 10 10	.....	500 0 0	24,500 0 0	.....	.....	1,12,904 10 10	....	1,12,904 10 10
Payments towards the Investment of Sinking Fund	3,70,650 0 0	....	.....	.....	.....	.....	3,70,650 0 0	....	3,70,650 0 0
Payments towards the Investments of interest accrued on Sinking Fund	1,96,000 0 0	.....	.....	.....	.....	.....	1,96,000 0 0	300 0 0	1,95,700 0 0
Total Rs.	28,14,600 0 0	.....	70,050 15 6	2,02,001 0 6	.....	.....	30,86,652 0 0	9,900 0 0	30,75,752 0 0
INVESTMENTS— Municipal Buildings Fire Insurance Fund	5,000 0 0	.....	.....	.....	.....	.....	5,000 0 0	....	5,000 0 0
Interest realized on Fire Insurance Fund	2,700 0 0	93 0 1	.....	.....	.....	.....	2,793 0 1	....	2,793 0 1
Interest realized on Worn-out Mains Renewal Fund	21,400 0 0	16 3 7	.....	.....	.....	.....	21,416 3 7	....	21,416 3 7
Interest realized on Net Premia Fund	1,800 0 0	144 0 0	.....	.....	.....	.....	1,944 0 0	....	1,944 0 0
School Building Fund	2,100 0 0	11 13 4	.....	.....	.....	.....	2,111 13 4	....	2,111 13 4
Total Rs.	33,000 0 0	265 1 0	.....	.....	.....	.....	33,265 1 0	....	33,265 1 0
Investment of Premia received on the last instalment of Rs. 3½ lakhs of the 2½ lakhs loan raised in 1901-1901 including Stamp, &c., charges paid out of the premia..	.....	10,781 4 0	.....	.....	.....	.....	10,781 4 0	....	10,781 4 0
GRAND TOTAL..Rs.	83,12,875 0 0	1,18,527 6 1	1,94,934 13 9	5,12,716 12 1	54,685 7 9	54,685 7 9	91,39,053 15 11	52,380 5 8	90,86,673 10 3
			7,07,651 9 10						

* Exclusive of Rs. 3,620-0-2 being the unexpended balance of the Municipal Contribution of Rs. 15,000 for the illumination of the Municipal Buildings, refunded by the Honorary Secretary, Coronation Festivities, for which credit was taken in the Revised Estimate of Expenditure for 1903-04.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

Appendix No. 5.

EXPENDITURE.

STATEMENT showing the Actuals as compared with the Final Sanctioned Grants for 1903-04 as per Appendix No. 4 and the Actuals of the preceding year.

PARTICULARS.	Actuals for 1902-03.	Final Sanctioned Grants for expenditure during 1903-04 as per Appendix No. 4.	Actuals for 1903-04.	As compared with the Final Sanctioned Grants as per column No. 3.		Amount proposed to be re-appropriated in 1904-05 out of savings as per column No. 6.	Net savings.	As compared with the Actuals for 1902-1903 as per column No. 2.	
				More.	Less.			More.	Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
GENERAL SUPERINTENDENCE—									
Corporation and Standing Committee's Establishment ..	62,424 8 8	63,108 0 2	60,615 5 1	.....	2,492 11 1	.....	2,492 11 1	.....	1,808 3 7
Municipal Commissioner's Personal Office Establishment	54,638 14 2	61,005 0 2	56,649 1 0	.....	4,355 15 2	2,902 5 7	2,353 9 7	2,010 3 10	.....
General Office Establishment	34,336 7 11	54,481 4 1	51,224 7 7	.....	13,256 12 6	12,690 6 5	565 6 1	16,887 15 8	.....
Accounts and Expenditure Audit Establishment..	65,368 5 9	66,476 6 5	65,580 4 4	.....	896 2 1	18 0 0	878 2 1	211 14 7	.....
	2,16,767 4 6	2,55,070 10 10	2,34,069 2 0	.....	21,001 8 10	14,710 12 0	6,290 12 10	19,110 1 1	1,808 3 7
ASSESSMENT AND COLLECTION DEPARTMENT—									
Property and Wheel Tax Establishment	1,53,496 9 7	1,60,014 11 5	1,57,425 7 1	.....	2,589 4 4	630 4 4	1,959 0 0	3,928 13 6	.....
Town Duty Collection	80,697 9 4	82,140 15 1	82,128 0 1	.....	12 12 0	.....	12 12 0	1,430 6 3	.....
Tolls Collection..	2,916 0 0	1,469 7 0	1,388 9 8	.....	100 13 4	16 0 0	84 13 4	.....	647 6 4
Licensing Establishment ..	31,002 14 2	30,182 11 5	27,723 7 7	.....	2,459 3 10	420 0 0	2,039 3 10	.....	3,279 6 7
Revenue and Refund Audit Establishment..	25,736 11 6	30,500 15 10	30,813 14 8	* 312 14 10	.....	.....	—312 14 10	5,088 2 2	.....
	2,92,938 12 7	3,04,278 9 9	2,99,459 7 1	312 14 10	5,132 1 6	1,066 4 4	3,752 14 4	10,447 7 5	3,926 12 11
FIRE BRIGADE	1,10,181 11 0	1,46,804 8 3	1,24,118 9 7	.....	22,685 14 8	17,056 4 8	5,629 10 0	13,936 14 7	.....
MAINTENANCE OF PUBLIC GARDENS—									
Victoria Gardens { Maintenance ..	51,751 14 4	68,182 19 11	62,305 3 8	.....	5,877 7 3	5,815 4 3	2,362 3 0	10,553 5 4	.....
Victoria Gardens { New Works ..	3,510 11 1	1,260 0 0	1,228 9 11	.....	31 8 1	.....	31 8 1	.....	2,282 1 2
Elphinstone Circle Garden ..	1,139 14 5	1,360 0 0	928 0 2	.....	431 15 9	29 10 0	312 5 9	.....	141 14 2
Falkland Road Garden	295 7 7	320 0 0	261 10 8	.....	58 5 9	9 14 0	48 7 9	56 2 8	.....
Northbrook Garden	1,370 0 6	1,236 0 0	984 11 1	.....	241 4 11	28 2 4	213 2 7	.....	85 5 5
Sir C. Jehangir Mahim Garden ..	385 6 8	423 0 0	385 0 2	.....	42 15 10	18 0 3	24 15 7	.....	0 6 6
Bazaar Gate Street Garden ..	505 5 2	632 0 0	485 10 8	.....	166 5 4	.....	166 5 4	.....	20 10 6
Dick's Tank Garden	303 10 10	270 0 0	203 7 9	.....	66 8 3	17 11 3	48 13 0	.....	100 3 1
Malabar Hill Garden	522 12 4	580 0 0	569 7 0	.....	10 9 0	.....	10 9 0	46 10 8	.....
	59,396 2 11	74,263 10 11	67,421 12 9	.....	6,946 14 2	3,618 10 1	3,328 4 1	10,656 2 8	2,630 8 10
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—									
I. GENERAL SUPERVISION AND MISCELLANEOUS DUTIES.	57,000 2 6	62,506 10 11	60,710 0 0	.....	1,796 10 11	723 4 4	1,038 6 7	3,709 13 6	.....
II. DRAINAGE—									
A. Miscellaneous Drainage ..	1,30,781 15 7	1,46,655 10 0	1,31,962 2 3	.....	14,692 7 9	7,017 0 4	7,675 7 5	1,181 2 8	.....
B. Maintenance of LoweGrove Pumping Station..	1,12,060 4 3	1,07,492 15 0	1,04,768 4 6	.....	2,724 10 6	581 10 3	2,143 0 3	.....	7,291 15 9
C. Do. of Sluices ..	3,143 9 4	3,840 0 0	3,374 12 3	.....	465 3 9	.....	465 3 9	231 2 11	.....
D. Do. of Pumping Station, Colaba (Shone System).	26,720 14 0	26,694 4 10	25,883 4 6	.....	811 0 4	.....	811 0 4	.....	837 9 6
E. Air Compressor Station at Love Grove (Shone System).	27,081 13 3	35,776 8 2	32,719 14 5	.....	3,056 9 9	2,501 7 10	555 1 11	5,638 1 2	.....
III. WATER WORKS MAINTENANCE	2,07,861 8 8	2,61,984 9 11	2,24,871 14 0	.....	37,082 11 11	29,691 3 10	7,391 8 1	17,210 5 4	.....
IV. STREETS AND BUILDINGS—									
A. Inspection and Supervision.	84,511 11 6	84,584 6 0	83,156 14 9	.....	1,427 7 3	930 2 6	497 4 9	.....	1,354 12 9
B. Public Lighting.. ..	2,71,165 12 2	2,75,244 3 3	2,70,118 7 9	.....	3,126 1 6	700 0 0	2,426 1 6	.....	1,047 4 5
C. Road Watering	79,197 2 3	76,521 11 0	72,466 7 9	.....	4,055 3 3	4,027 2 2	18 1 1	.....	6,730 10 6
D. Roads, Footpaths, &c. ..	3,80,613 4 6	4,38,920 7 5	4,19,449 7 5	.....	19,470 0 0	17,533 6 1	1,946 9 11	38,846 2 11	.....
E. Street Improvements ..	81,964 1 0	1,88,424 5 6	1,15,420 11 1	.....	53,003 10 5	55,003 10 5	.....	31,456 10 1	.....
F. Miscellaneous (Compensation for Insanitary Buildings demolished) ..	1,617 8 7	13,637 12 9	359 12 8	.....	13,298 0 1	7,670 0 0	5,628 0 1	.....	1,247 11 11
V. CLEANING, LIGHTING, AND REPAIRING PORT TRUST WHARVES, ROADS, &c...	28,642 0 0	28,642 0 0	28,642 0 0	.....	.....	.....	.....	.....	.....
	15,09,151 11 7	17,38,924 14 9	15,81,915 1 4	.....	1,57,009 13 5	1,26,383 15 9	30,625 13 8	98,273 6 7	18,510 0 10
NEW WORKS	88,281 15 4	2,01,718 8 3	83,846 0 10	.....	1,17,872 7 5	1,04,887 12 0	12,984 10 5	.....	4,435 14 6
PUBLIC HEALTH DEPARTMENT—									
I. General Supervision ..	1,08,444 15 10	94,786 7 7	92,792 8 1	.....	1,993 15 6	35 12 6	1,958 3 0	.....	15,652 7 9
II. Conservancy Branch ..	16,08,752 12 5	16,54,370 15 10	15,41,393 1 1	.....	1,12,977 14 9	37,446 6 9	75,531 8 0	.....	67,360 11 4
III. Markets and Slaughter-houses.	1,44,157 5 10	1,60,300 7 10	1,52,745 8 11	.....	7,554 14 11	3,196 6 3	4,358 8 8	8,588 2 1	.....
IV. Registration of Births and Deaths	41,528 10 10	57,446 10 4	36,026 12 3	.....	1,419 14 1	.....	1,419 14 1	44,498 1 5	.....
V. Cemeteries	14,400 4 4	15,620 12 10	9,196 15 4	.....	6,423 13 6	183 7 6	6,240 6 0	.....	5,203 5 0
VI. Mahalaxmi Dhobiwada ..	20,515 11 8	16,243 5 5	14,794 10 2	.....	1,448 11 3	6 0 0	1,442 11 3	.....	5,721 1 6
VII. Milch-cattle Stables and Rooms	6,570 2 3	8,971 8 8	6,113 15 6	.....	257 9 2	616 4 10	241 4 4	.....	456 3 3
VIII. Tank Conservancy ..	5,146 12 10	5,889 8 0	5,564 4 1	.....	325 3 11	.....	325 3 11	317 7 3	.....
IX. Rustomjee Jamsetjee Dharamsala, Falkland Road.	248 8 8	335 0 0	301 1 7	.....	33 14 5	.....	33 14 5	52 8 11	.....
PUBLIC HEALTH Dept. Carried over Rs. ..	19,49,766 5 2	20,41,964 12 6	19,08,728 13 0	.....	1,33,235 15 6	61,484 5 10	71,751 9 8	53,356 4 8	94,392 12 1
Carried over Rs. ...	22,63,717 9 11	27,21,064 14 9	23,80,830 1 7	312 14 10	3,80,548 12 0	2,87,723 11 10	62,512 1 4	1,52,424 0 4	31,311 8 8

* This excess is due to the saving of Rs. 343-0-2 anticipated while preparing the revised estimate for 1903-04 not having been fully realized.

Appendix No. 5—*continued.*

PARTICULARS.	Actuals for 1902-03.	Final Sanctioned Grants for expenditure during 1903-04 as per Appendix No. 4.	Actuals for 1903-04.	As compared with the Final Sanctioned Grants as per column No. 3.		Amount proposed to be renewed in 1904-05 out of savings as per column No. 6.	Net savings.	As compared with the Actuals for 1902-03 as per column No. 2.	
				More.	Less.			More.	Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward .. Rs.	22,59,717 9 11	27,21,065 14 9	23,20,880 1 7	312 14 10	3,80,548 12 0	2,67,723 11 10	62,813 1 4	1,52,424 0 4	31,311 8 8
PUBLIC HEALTH DEPT. Brought forward Rs. ..	19,49,766 5 2	20,41,964 12 8	19,08,728 13 0	.....	1,33,235 15 6	61,484 5 10	71,751 9 8	59,356 4 8	94,393 13 10
Laboratory	2,125 7 1	2,500 0 0	2,736 13 7	.....	763 2 5	.....	763 2 5	6,611 6 6	.....
Infectious Diseases	39,014 15 0	57,309 8 4	45,058 15 9	.....	12,250 8 7	212 0 0	12,038 8 7	6,044 0 9	.....
Vaccination (Contribution to Government)	15,757 8 1	17,702 0 0	16,849 2 3	.....	852 13 9	.....	852 13 9	1,091 10 2	.....
Dosgri, Kumbharwada and Currey Road Dispensaries ..	326 8 6	.....	.....	.....	.....	.....	.....	.....	326 8 6
Census	—1,051 11 1	.....	.....	.....	.....	.....	.....	.....	—1,051 11 1
	20,05,939 0 9	21,56,476 4 10	19,79,373 12 7	.....	1,47,102 8 8	61,696 5 10	85,406 2 5	67,103 6 1	93,668 10 3
POLICE CHARGES—									
Municipal Contribution	5,96,443 10 10	5,05,441 5 1	5,00,000 0 0	.....	5,441 5 1	5,441 5 1	.....	.....	96,443 10 10
Alterations to the three rooms belonging to the Municipality at the back of the Pydhoni Police Station	.....	1,384 0 0	381 6 0	.....	1,002 10 0	1,002 10 0	.....	381 6 0	.....
Removal of the existing privy and the construction of a two-chambers latrine at the Bazar Gate Police Station (on water-carriage system)	734 4 6	.....	.....	.....	.....	.....	.....	.....	734 4 6
Additions and alterations to the Quarters occupied by the Police Inspector at Girgaum Back Road and providing three dormer windows over the roof of the Apothecary's Quarters at the Mazagaon Police Hospital ..	326 1 11	.....	.....	.....	.....	.....	.....	.....	326 1 11
	5,97,504 1 3	5,06,825 5 1	5,00,381 6 0	.....	6,443 15 1	6,443 15 1	.....	381 6 0	97,504 1 3
EDUCATION—									
Primary Education	80,000 0 0	80,000 0 0	80,000 0 0	.....	.....	.....	.....	.....	.....
School for Deaf and Dumb Mutes.	1,800 0 0	1,800 0 0	1,800 0 0	.....	.....	.....	.....	.....	.....
Veterinary College	2,500 0 0	2,500 0 0	2,500 0 0	.....	.....	.....	.....	.....	.....
Victoria and Albert Museum ..	8,026 10 2	10,908 0 0	9,820 1 6	.....	1,085 14 6	673 2 0	413 12 6	1,793 7 8	.....
Victoria Jubilee Technical Institute	10,000 0 0	10,000 0 0	10,000 0 0	.....	.....	.....	.....	.....	.....
Joint Schools Committee's Establishment	8,147 1 10	8,743 14 10	8,737 9 9	.. ..	6 5 1	.....	6 5 1	590 7 11	.....
	1,10,473 12 1	1,13,949 14 10	1,12,857 11 3	.....	1,092 3 7	673 2 0	419 1 7	2,383 15 2	.....
HOSPITALS—									
Gocoldas Tejpal Hospital ..	25,290 8 9	33,625 3 1	33,625 3 1	.....	.....	.....	.....	.....	1,665 5 8
Jaffer Sulemau Dispensary ..	3,000 0 0	3,000 0 0	3,000 0 0	.....	.....	.....	.....	.....	.....
Homeless Leper Asylum at Matunga	18,000 0 0	18,000 0 0	18,000 0 0	.....	.....	.....	.....	.....	.....
	46,290 8 9	54,625 3 1	54,625 3 1	.....	.....	.....	.....	.....	1,665 5 8
MISCELLANEOUS—									
Pensions, Gratuities and Compassionate Allowances ..	58,852 1 11	62,094 9 3	57,486 13 11	.....	4,607 11 4	1,277 11 1	3,330 0 3	.....	11,365 4 0
Discretional Contingencies ..	5,468 6 5	9,581 5 1	6,897 14 2	.....	2,683 6 11	56 0 0	2,647 6 11	1,429 7 9	.....
Auditors' Allowance	10,000 0 0	10,000 0 0	8,750 0 0	.....	1,250 0 0	1,250 0 0	.....	.....	1,250 0 0
Election Expenses	934 0 10	10,000 0 0	9,965 0 3	.....	34 15 9	.....	34 15 9	9,030 15 5	.....
Cost of illuminating the address and of a casket sent to His Most Gracious Majesty King Edward VII on the occasion of His Majesty's Coronation	7,144 8 0	10 0 0	10 0 0	.....	.....	.....	.....	.....	7,134 8 0
Purchase of 5 sets of survey sheets	1,300 0 0	465 0 0	465 0 0	.....	.....	.....	.....	.....	835 0 0
Loss on account of Private Works irrecoverable bills written off ..	.....	31 12 4	31 12 4	.....	.....	.....	.....	31 12 4	.....
Cost of illuminating the address of welcome presented by the Corporation to the Right Honorable Baron Lamington on his arrival in Bombay and of a silver casket to hold the address	.....	750 0 0	725 0 0	.....	25 0 0	.....	25 0 0	725 0 0	.....
Cost of engaging the services of Mr. T. Wheeler for verifying and auditing municipal stores and stores accounts	2,072 13 0	.....	.....	.....	.....	.....	.....	.....	2,072 13 0
Contribution towards the cost of Coronation's Celebrations held in Bombay in 1902	25,000 0 0	.....	—3,620 0 2	.....	3,620 0 2	.....	3,620 0 2	.....	28,620 0 2
Cost of purchasing 400 copies of the compilation of Municipal matters prepared by Mr. L. W. Michael.	4,000 0 0	.....	.....	.....	.....	.....	.....	.....	4,000 0
Purchase of one dozen copies of Mr. James' Oriental Drainage..	150 0 0	.....	.....	.....	.....	.....	.....	.....	150 0 0
MISCELLANEOUS—Carried over Rs.	1,24,943 14 2	92,932 10 8	80,711 8 6	.....	12,221 2 2	2,583 11 1	9,637 7 1	11,197 3 6	55,427 9 2
Carried over Rs. ..	50,39,923 0 9	55,22,842 10 7	50,28,068 2 6	312 14 10	4,85,187 6 11	3,36,537 2 9	1,48,337 5 4	2,22,282 11 7	2,24,149 9 10

Appendix No. 5—*concluded.*

Particulars.	Actuals for 1902-1903.	Final Sanctioned Grants for expenditure during 1903-04 as per Appendix No. 4.	Actuals for 1903-04.	As compared with the Final Sanctioned Grants as per column No. 3.		Amount proposed to be renewed in 1904-05 out of savings as per column No. 6.	Net savings.	As compared with the Actuals for 1902-03 as per column No. 2.	
				More.	Less.			More.	Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ..	50,39,925 0 9	55,22,942 10 7	50,38,068 2 6	312 14 10	4,84,187 6 11	3,36,537 2 9	1,48,337 5 4	2,22,292 11 7	2,24,149 9 10
Miscellaneous Brought forward Rs.	1,24,941 14 2	92,932 10 8	80,711 8 6	.....	12,221 2 2	2,563 11 1	9,657 7 1	11,197 3 6	53,427 9 2
Grain Compensation to Peons, &c..	12 0 0	.....	.....	.....	.....	.....	.....	.....	12 0 0
Loss or depreciation on certain obsolete General Stores	83 10 4	.....	.....	.....	.....	.....	.....	.....	83 10 4
Loss or depreciation on certain obsolete Water Works Stores ..	364 3 6	.....	.....	.....	.....	.....	.....	.....	364 3 6
Difference between the cost of land originally reserved in Connaught Road for Health Department stables in E. Ward and the cost of land in Agripada now utilized for the same	16,776 12 11	.....	.....	.....	.....	.....	.....	.....	16,776 12 11
Cost of illuminating the address presented to their Royal Highnesses the Duke and Duchess of Connaught and of a silver casket to hold the address..	1,797 11 3	.....	.....	.....	.....	.....	.....	.....	1,797 11 3
	1,43,976 4 2	92,932 10 8	80,711 8 6	.....	12,221 2 2	2,563 11 1	9,657 7 1	11,197 3 6	74,461 15 2
Contribution to the City Improvement Trust	5,00,000 0 0	2,50,000 0 0	2,50,000 0 0	.....	.....	.....	.....	.....	1,50,000 0 0
Municipal Debt—									
Interest on Loans	21,00,420 8 0	23,88,396 5 2	23,34,177 0 7	.....	1,54,221 4 7	1,54,191 1 7	30 3 0	1,33,756 8 7	.....
Charges on Loans	8,813 7 1	9,099 0 0	8,980 2 10	.....	118 13 2	....	118 13 2	166 11 9	.....
Payment towards the reduction of Debt	61,299 4 4	1,12,904 10 10	1,10,404 10 10	.....	2,500 0 0	2,500 0 0	.....	49,105 6 6	.....
Payment towards the investment of interest accrued on Sinking Fund	1,70,177 15 2	1,93,700 0 0	1,94,351 14 5	.....	1,348 1 7	.....	1,348 1 7	24,173 15 3	.....
Payment towards the investment of Sinking Fund	3,70,650 0 0	3,70,650 0 0	3,70,650 0 0	.....	.....	.....	.....	.....	.....
	27,11,361 2 7	30,74,752 0 0	29,18,563 12 8	.....	1,58,188 8 4	1,56,691 1 7	1,497 1 9	2,07,202 10 1	.....
Investments—									
Municipal Buildings Fire Insurance Fund	5,000 0 0	5,000 0 0	5,000 0 0	.....	.....	.....	.....	.....	.....
Interest realized on the Net Premia, &c., Fund	4,399 0 7	1,944 0 0	1,944 0 0	.....	.....	.....	.....	.....	2,455 0 7
Interest realized on Fire Insurance Fund	2,445 1 0	2,793 0 1	2,793 0 1	.....	.....	.....	.....	347 15 1	.....
Worn-out Water Mains Renewal Fund	25,000 0 0	.....	.....	.....	.....	.....	.....	.....	25,000 0 0
Interest realized on Worn-out Water Mains Renewal Fund ..	19,260 1 6	21,416 3 7	21,416 3 7	.....	.....	.....	.....	2,156 2 1	.....
School Building Fund	2,031 7 1	2,111 13 4	2,111 13 4	.....	.....	.....	.....	80 6 3	.....
	58,135 10 2	33,265 1 0	33,265 1 0	.....	.....	.....	.....	2,584 7 5	27,455 0 7
Investment of Premia received on the last instalment of Rs. 3½ Lakhs of the 4½ Lakhs Loan raised in 1903-04, including Stamp, &c., charges paid out of the Premia	.....	10,781 4 0	*10,781 4 0	.....	.....	.....	.....	10,781 4 0	.....
Grand Total Rs. ..	84,53,398 1 8	90,86,673 10 3	84,31,389 12 8	312 14 10	6,55,596 12 5	4,96,791 15 5	1,59,491 14 2	4,54,068 4 7	4,76,066 9 7
				Less excess Rs.	312 14 10	*Less*—		*Deduct* ..	4,54,068 4 7
				Net Decrease Rs	6,55,283 13 7	Savings already taken credit for in the revised estimate for 1903-04 in addition to the amount shown at page 42 of this Report ..	3,620 0 2	*Net Decrease* Rs	22,008 5 0
						Net saving Rs.	1,55,871 14 0		

* Stamp and Printing, &c., charges paid in connection with the debentures issued.. .. .. Rs. 1,911 8 1
Balance credited to the Premia Fund .. ..

Appendix

SURPLUS

Statement showing the state of the Surplus Cash

DR.

	Rs. a. p.	Rs. a. p.
To		
Sums Payable—		
Deposits, &c., in cash	3,46,196 6 10	
Do. on account of Contractors' Government Paper kept in office...	7,000 0 0	
Government of Bombay on account of Income Tax	196 8 0	
Cheques payable	88,380 6 2	
Loan Works Establishment	17,869 15 8	
Contribution from the G. I. P. Railway towards the cost of removal of the 32" Vehar main from within the Railway Limits and relaying the same	74,000 0 0	5,33,642 15 8
Reserve Stock per Contra	7,17,252 12 9	
Amount to be renewed in 1904-1905 for unpaid charges for and prior to 1903-1904	4,95,791 15 5	12,13,044 12 2
Stock Adjustment Account	.....	12,533 14 3
		17,59,221 10 1
Balance at the close of the year 1903-1904—		
Minimum Cash Balance required by the Act	1,00,000 0 0	
SURPLUS CASH BALANCE	17,04,910 4 5	18,04,910 4 5
	Total Rs....	35,64,131 14 6

W. E. WAITE,
Chief Accountant.

No. 6.

CASH BALANCE.

Balance at the close of the year 1903-1904.

Cr.

By	Rs. a. p.	Rs. a. p.
Cash Deposits and Investments—		
Cash balance in the office and Bank Treasuries	2,09,928 4 0	
Surplus Funds investments	24,54,188 7 8	
		26,64,116 11 8
Advances—		
To Loan Works—		
Expenditure on Loan Works as per Appendix No. 6 A, attached, including Plague expenses	4,19,26,172 9 1	
Less—		
Amount drawn from Loan Funds as per Appendix No. 6 A, attached	4,19,26,172 9 1	
	.....	
	Rs. a. p.	
To Municipal and Plague Officers, &c.	34,326 9 5	
Miscellaneous Advances	52,331 13 2	
For Private and Departmental Works including Workshops	45,196 7 5	
For printing and stamping building and repair certificates and water application forms	1,122 4 0	
To Contractors	49,785 4 7	
	1,82,762 6 1	1,82,762 6 1
Reserve Stock—		
Serviceable Stores—		
General	17,313 7 4	
Water Works	1,92,989 8 3	
Drainage	63,058 9 3	
Executive Engineer	16,376 8 6	
Plague Stores	25,265 4 9	
	3,14,994 6 0	
Surplus and obsolete stores	4,02,258 6 9	7,17,252 12 9
	Total Rs....	35,64,131 14 6

W. L. HARVEY,
Municipal Commissioner.

Appendix No. 6-A.

Statement showing (1) the Expenditure on Loan Works, (2) the amounts invested on account of Loan Funds and (3) the amount drawn from Loan Funds at 31st March 1904.

	Amount of Loan raised.	Amount invested.	Amount withdrawn.	Amount expended.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
DRAINAGE AND WATER WORKS (Rs. 26,94,000) LOAN OF 1873—				
Drainage, 1st Section	26,94,000	.....	26,94,000 0 0	16,52,449 12 9
Water Works (Bhandarwada)				10,16,830 13 3
	26,94,000	.....	26,94,000 0 0	26,69,280 10 0
SURFACE DRAINAGE WORKS	6,00,000	.....	6,00,000 0 0	6,00,000 0 0
SANITARY WORKS (44 LAKHS) LOAN—				
Surface Drainage Works (Rs. 13,22,134-3-3— Rs. 6,00,000)	44,00,000	.....	44,00,000 0 0	7,22,134 3 3
Drainage (1883-84)				10,74,951 2 0
Do. (1884)				4,01,080 11 5
Ripon Road				1,41,500 1 2
Other Sanitary Works...				87,110 9 6
Water Works				18,95,947 12 0
	44,00,000	.....	44,00,000 0 0	43,22,724 7 4
SANITARY WORKS (7 LAKHS) LOAN—				
Fort Drainage, &c.	7,00,000	.....	7,00,000 0 0	4,62,337 0 0
Water Works				1,42,241 5 4
	7,00,000	.....	7,00,000 0 0	6,04,578 5 4
DRAINAGE AND WATER WORKS (12 LAKHS) LOAN—				
Queen's Road Sewerage, &c.	12,00,000	.....	12,00,000 0 0	9,01,437 3 2
Water Works (Frere Road Main)				80,031 5 0
	12,00,000	.....	12,00,000 0 0	9,81,468 8 2
MISCELLANEOUS WORKS (10,08,500) LOAN—				
Drainage Works	10,08,500	.....	10,08,500 0 0	58,396 14 10
Cross Road at Mahaluxmee Station				19,594 4 8
Nowrojee Hill Road				70,089 2 0
Markets (Erskine Road, &c.)...				4,86,906 2 8
Water Works				1,16,214 3 3
	10,08,500	.....	10,08,500 0 0	7,51,200 11 4
HOUSE SULLAGE WATER CONNECTIONS, AGRIPADA (RS. 2,48,000) LOAN	2,48,000	.....	2,48,000 0 0	2,33,533 12 10
VARIOUS SANITARY WORKS (35 LAKHS) LOAN—				
Drainage	35,00,000	.....	35,00,000 0 0	13,864 7 3
New Roads at Agripada and elsewhere ...				15,26,511 14 9
Bhuleshwar Market Extension and Foras Road Market...				3,72,835 15 1
Other Works				3,67,577 5 2
Water Works				8,72,574 9 10
	35,00,000	.....	35,00,000 0 0	31,53,364 4 1
TANSA WATER WORKS (147 LAKHS) LOAN ...	1,47,00,000	.....	1,47,00,000 0 0	1,46,96,383 7 0
MUNICIPAL BUILDING (INCLUDING FURNITURE, &C.) (8 LAKHS) LOAN	8,00,000	.....	8,00,000 0 0	* 7,33,060 3 0
FIRE BRIGADE QUARTERS, &C. (4½ LAKHS) LOAN	4,50,000	.....	*4,50,000 0 0	4,03,320 6 1
Carried over ... Rs.	3,03,00,500	.....	3,03,00,500 0 0	2,91,18,914 11 2

* Excluding Rs. 7,34,326-8-3 paid out of the Invested Fund.

No. 6-A—*concluded.*

	Amount of Loan raised.	Amount invested.	Amount withdrawn.	Amount expended.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ... Rs.	3,03,00,500	.....	3,03,00,500 0 0	2,91,48,914 11 2
23½ LAKHS DRAINAGE, WATER WORKS, ROADS AND OTHER WORKS LOAN—				
Drainage				17,44,602 15 5a
Falkland Road Overbridge				15,082 9 4
Wari Bunder Bridge	23,25,000	.....	23,25,000 0 0	1,32,652 0 0
Other Works				5,890 14 1
Water Works				1,49,522 5 7
	23,25,000	.....	23,25,000 0 0	20,47,750 12 5
15¼ LAKHS SEWERAGE, WARI BUNDER, &C., ROADS, BURIAL GROUND AND CERTAIN WATER WORKS LOAN—				
Drainage...				5,69,077 1 0
Wari Bunder and Victoria Roads, less Rs. 1,56,500 contributed by the Port Trust for Wari Bunder Road	15,75,000	.....	15,75,000 0 0	1,60,232 2 11
Burial Ground				2,11,652 4 5
Water Works				9,165 2 6
	15,75,000	.....	15,75,000 0 0	9,50,126 10 10
25 LAKHS LOAN FOR SEWERAGE, &C., WORKS—				
Drainage				11,20,287 10 0
Water Works				1,042 5 0
Disposal of Town Sweepings and Land for Burial Ground	25,00,000	1,00,002 11 0	23,99,997 5 0	11,32,362 10 11
	25,00,000	1,00,002 11 0	23,99,997 5 0	22,53,692 9 11
19¼ LAKHS LOAN FOR SEWERAGE, ROADS, &C., WORKS—				
Drainage...				5,22,492 12 1
Purchase of Land for Burning and Burial Grounds	19,25,000	6,81,482 2 1	12,43,517 13 11	76,343 2 3
	19,25,000	6,81,482 2 1	12,43,517 13 11	5,98,835 14 4
24¾ LAKHS LOAN FOR SEWERAGE AND WATER WORKS—				
Drainage	24,75,000	3,92,842 9 10	20,82,157 6 2	10,63,721 3 11
EXECUTED OUT OF SAVINGS ON DIFFERENT LOANS—				
Drainage	.....	.....	.....	5,36,692 8 9
Water Works	.....	.....	.....	2,42,954 8 0
Markets	.....	.....	.....	43,330 5 10
Roads, &c.	.....	.....	.....	75,603 11 1
Miscellaneous Works	.....	.....	.....	1,26,386 7 1
	.....	.....	.....	10,24,967 8 9
ADVANCES FROM SURPLUS BALANCES—				
Drainage	.....	.....	.....	1,47,690 12 4
Water Works	.....	.....	.....	41,820 8 0
Roads and Overbridges	.....	.....	.....	47,691 11 4
Other Works	.....	.....	.....	54,326 5 5
	.....	.....	.....	2,91,529 5 1
LOAN FOR PLAGUE EXPENSES—				
Plague Expenses incurred from 1896-97 to 1903-1904 (deducting Rs. 14¼ lakhs met from the Government Contribution) ...	20,00,000	.....	20,00,000 0 0	45,46,633 12 8
GRAND TOTAL ... Rs.	4,31,00,500	11,74,327 6 11	4,19,26,172 9 1	4,19,26,172 9 1

(a) Excluding Rs. 53,801-8-3 on account of excess expenditure incurred on the Colaba sewerage works which is shown under Advances.

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

Appendix

STATEMENT of Outstanding Loans due by the Municipality and

	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1903.	Amount raised in 1903-04.	Total.	Amount repaid in 1903-04.	Balance due on 31st March 1904.
	1	2	3	4	5	6	7
	Loans raised from Government.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Vehar Water Works Debt	4 per cent....	24,58,260 10 3	.....	24,58,260 10 3	15,904 10 10	24,42,355 15 5
	Loans raised from the Public.						
2	Drainage Loan of 1878 (Rs. 26,94,000) ...	5 per cent....	17,27,000 0 0	.....	17,27,000 0 0	(a) 94,500 0 0	16,32,500 0 0
3	The Sanitary Works Loan of 1885-86 (Rs. 44 Lakhs)...	5 per cent....	37,39,000 0 0	.....	37,39,000 0 0	(b)	37,39,000 0 0
4	Do. do. of 1888 (Rs. 7 Lakhs)...	5 per cent....	7,00,000 0 0	.....	7,00,000 0 0	(b)	7,00,000 0 0
5	The Tansa Water Works Loan (Rs. 147 Lakhs)...	5 per cent....	1,47,00,000 0 0	.....	1,47,00,000 0 0	(b)	1,47,00,000 0 0
6	The Drainage and Water Works Loan of 1888 (Rs. 12 Lakhs)	5 per cent....	12,00,000 0 0	.....	12,00,000 0 0	(b)	12,00,000 0 0
7	The Miscellaneous Works Loan of 1888-89 (Drainage and Water Works, Markets and Roads) of Rs. 10,08,500	5 per cent....	10,08,500 0 0	.....	10,08,500 0 0	(b)	10,08,500 0 0
8	The Agripada House Sullage Water Connections Loan of 1889-90 of Rs. 2,48,000 ...	5 per cent....	2,48,000 0 0	.....	2,48,000 0 0	(b)	2,48,000 0 0
9	35 Lakhs Various Sanitary Works Loan of 1890-91	5 per cent....	35,00,000 0 0	.....	35,00,000 0 0	(b)	35,00,000 0 0
10	The Municipal Building Loan of 1891 (Rs. 8 Lakhs)...	5 per cent....	8,00,000 0 0	.....	8,00,000 0 0	(b)	8,00,000 0 0
11	The Loan of 4½ Lakhs for Fire Brigade Quarters and Stations	4 per cent....	4,50,000 0 0	.....	4,50,000 0 0	(b)	4,50,000 0 0
12	The Loan of 42 Lakhs for repayment of the Balance of the 4½ per cent. of the Government Consolidated Loan	4 per cent....	42,00,000 0 0	.....	42,00,000 0 0	(b)	42,00,000 0 0
13	The Loan of 23¼ Lakhs for Drainage and other Works	4 per cent....	23,25,000 0 0	.....	23,25,000 0 0	(b)	23,25,000 0 0
14	The Loan of 15¾ Lakhs for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment of Rs. 10 Lakhs)...	3½ per cent...	15,75,000 0 0	.....	15,75,000 0 0	(b)	15,75,000 0 0
	Do. do. (2nd instalment of Rs. 5¾ Lakhs)...	4 per cent....					
15	25 Lakhs Loan for Sewerage and other Sanitary Works	4 per cent....	25,00,000 0 0	.....	25,00,000 0 0	(b)	25,00,000 0 0
16	20 Lakhs Permanent Loan for Plague purposes	4 per cent....	20,00,000 0 0	.....	20,00,000 0 0	(b)	20,00,000 0 0
17	19½ Lakhs Loan for Sewerage, Roads and other Sanitary Works	4 per cent....	19,25,000 0 0	.....	19,25,000 0 0	(b)	19,25,000 0 0
18	24¾ Lakhs Loan for certain Sewerage and Water Works	4 per cent...	21,00,000 0 0	3,75,000 0 0	24,75,000 0 0	(c)	24,75,000 0 0
	Total of Loans raised from the Public...	Rs. ...	4,46,97,500 0 0	3,75,000 0 0	4,50,72,500 0 0	94,500 0 0	4,49,78,000 0 0
	GRAND TOTAL ...	Rs. ..	4,71,65,760 10 3	3,75,000 0 0	4,75,30,760 10 3	1,10,404 10 10	4,74,20,355 15 5

W. E. WAITE,
Chief Accountant.

No. 7.

the sums set aside as Sinking Fund at 31st March 1904.

Interest paid in 1903-04.	Total of columns Nos. 6 and 8.	REMARKS.
8	9	
Rs. a. p.	Rs. a. p.	
98,071 5 2	1,13,976 0 0	(a) The amount stipulated to be paid off on 1st January 1904 was Rs. 72,000, which, together with 50 unpaid debentures for Rs. 500 each for the preceding years, aggregated Rs. 97,000, against which the debentures actually surrendered for payment up to 31st March 1904 amounted to Rs. 94,500, leaving an unpaid balance of Rs. 2,500. This balance is represented by the following debentures :— No. 810 repayable on 1st January 1893 and Nos. 2097 to 2100 repayable on 1st January 1904. The unpaid debentures do not carry interest beyond the due dates and will be repaid from the renewed grant when the parties apply for payment.
24,712 8 0	1,89,212 8 0	(b) As under the terms of these Loans the bonds cannot be repaid to the holders before the dates stipulated in the Debentures, the Sinking Fund has been invested as under :—
1,88,150 0 0	1,88,150 0 0	

	Amount of Sinking Fund invested up to 31st March 1903.	Sinking Fund Instalments paid in 1903-04.	Interest accumulations invested in 1903-04.	Total.
I.—5 per cent. Loans.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
44,112 8 0	44 Lakhs Sanitary Works Loan	8,81,922 8 11	30,550 0 0	43,814 8 0	9,56,317 0 11
7,78,975 0 0	7 Do. do. do.	1,28,685 13 2	6,000 0 0	6,367 12 4	1,41,053 9 6
	147 Do. Tansa Water Works Loan ...	6,03,919 13 1	42,000 0 0	31,318 8 0	6,77,238 5 1
64,762 8 0	12 Do. Drainage and Water Works Loan	2,34,341 5 4	11,000 0 0	11,648 8 4	2,56,989 13 8
	Rs. 10,08,500 Miscellaneous Works Loan...	1,69,591 8 11	8,600 0 0	8,528 10 9	1,86,720 3 8
50,250 0 0	Rs. 2,48,000 Agripada House Sullage Water Connections Loan	42,177 12 10	2,400 0 0	2,072 15 0	46,650 11 10
	35 Lakhs Various Sanitary Works Loan ...	4,59,599 15 0	29,000 0 0	22,289 10 9	5,10,889 9 9
12,400 0 0	8 Do. Municipal Building Loan ...	1,01,294 8 7	7,000 0 0	5,248 7 7	1,13,542 11 2
	Total I. ...	26,21,533 0 10	1,36,550 0 0	1,31,319 0 9	28,89,402 1 7
1,97,925 0 0	In 5 per cent. Municipal Debentures at par lodged with the Bank of Bombay ...	26,21,500 0 0	2,67,869 0 9 2,67,500 0 0		28,89,000 0 0
40,000 0 0	Cash deposited with the Bank of Bombay.	33 0 10	369 0 9		402 1 7
	II.—4 Per cent. Loans.				
20,690 0 0	4½ Lakhs Fire Brigade Quarters and Stations Loan	96,620 6 2	3,100 0 0	4,182 9 8	1,03,902 15 10
1,73,850 0 0	42 Lakhs Loan for repayment of Balance of Government Consolidated Loan	8,13,529 0 9	75,500 0 0	33,229 7 8	9,22,258 8 5
96,550 0 0	23½ Lakhs Loan for Drainage and other Works Loan	1,99,984 14 5	24,200 0 0	8,285 13 0	2,33,170 11 5
	15½ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and Water Works (2nd instalment) ...	33,374 9 10	6,160 0 0	1,463 4 1	41,497 13 11
58,067 8 0	25 Lakhs Loan for Sewerage, Water, &c., Works	84,421 6 3	27,000 0 0	3,371 0 9	1,14,792 7 0
	19½ Lakhs Loan for Sewerage, Roads and other Sanitary Works	43,634 8 1	21,000 0 0	2,088 13 1	66,723 5 2
	20 Lakhs Loan for Plague charges ...	1,40,813 4 4	67,500 0 0	7,114 14 7	2,15,428 2 11
95,300 0 0	Total II. ...	14,12,878 4 10	2,30,160 0 0	59,735 14 10	17,02,774 0 8
78,395 5 5	In 4 per cent. Municipal Debentures and Bombay Improvement Trust Bonds lodged with the Bank of Bombay ...	14,12,483 2 0	2,89,895 14 10 2,89,875 0 0		17,02,358 2 0
	Cash deposited with the Bank of Bombay.	394 15 10	20 14 10		415 14 8
75,271 6 9	*III.—3½ per cent. Loans.*				
37,883 15 3	15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Burial Ground and Water Works (1st instalment)	88,377 14 4	12,040 0 0	3,296 14 10	1,03,714 13 2
	In 3½ per cent. Government Paper lodged with the Bank of Bombay	88,281 8 0	15,336 14 10 15,006 2 0		1,03,287 10 0
21,56,795 11 5	Cash deposited with the Bank of Bombay.	96 6 4	330 12 10		427 3 2
22,54,867 0 7	GRAND TOTAL I, II and III ...	41,22,789 1 0	3,78,750 0 0	1,94,351 14 5	46,95,890 15 5

(c) The Sinking Fund Instalment, amounting to Rs. 26,500, became due on 1st June 1904.

W. L. HARVEY,
Municipal Commissioner.

APPENDIX

STATEMENT showing the Interest outstanding on 1st April 1903 on the different of Bombay during that year, and the

	Name of each Loan.	Dates when raised.	Authority. Corporation Resolution.	Authority. Government Resolution.
	5 Per Cent. Loans.			
1	Drainage Loan of 1878 (Rs. 26,94,000)	1st November and 1st December 1878.	No. 1226 / 10-9-78.	No. 2951 / 28-9-78.
2	The Sanitary Works Loan of 1885-86 (Rs. 44,00,000) ...	Between 5th May 1885 and 30th March 1886.	Nos. 2021 / 8-12-81, 905 / 12-3-82 and 438 / 16-3-83.	Nos. 2669 / 17-7-82, 384 / 2-2-83, 3772 / 19-10-83, 430 / 4-2-84 and 1240 / 27-4-85
3	The Sanitary Works Loan of 1888 (Rs. 7,00,000) ...	1st February 1888 ...	No. 991 / 13-10-86.	No. 1427 / 4-5-88.
4	The Tansa Water Works Loan (Rs. 1,47,00,000) ...	Between 5th June 1886 and 24th December 1891.	Nos. 1312 / 13-11-85 and 345 / 9-4-91.	Nos. 561 / 12-2-86, 1008 / 16-3-86, 1930 / 31-3-86, 2876 / 21-9-87, 3978 / 21-7-88, 4193 / 8-10-89, 3392 / 23-8-90 and 1262-63. / 15-9-91.
5	The Drainage and Water Works Loan of 1888 (Rs. 12,00,000).	1st January and 1st July 1888.	Nos. 894 / 20-7-87 and 1146 / 8-9-87.	No. 873 / 16-3-88.
6	The Miscellaneous Works Loan of 1888-89 (Drainage and Water Works, Markets, and Roads) (Rs. 10,08,500).	Between 1st November 1888 and 1st July 1889.	No. 29 / 4-4-88.	No. 4138 / 24-11-88.
7	The Agripada House Sullage and Water Connections Loan of 1889-90 (Rs. 2,48,000).	Between 1st January and 1st July 1890.	No. 4688 / 8-10-88.	No. 17 / 3-1-90.
8	The Various Sanitary Works Loan of 1890-91 (Rs. 35,00,000).	Between 25th September 1890 and 1st January 1892.	Nos. 29 / 4-4-88, 5293 / 19-11-88, 5605 / 7-1-89, 572 / 13-3-89, 5152 / 23-12-89, 6235 / 23-1-90, 433 / 17-4-90 and 1488 / 22-5-90.	No. 3392 / 23-8-90.
9	The Municipal Building Loan of 1891 (Rs. 8,00,000) ...	24th December 1891 ...	No. 13551 / 9-2-91.	No. 3262 / 15-9-91.
	4 Per Cent. Loans.			
10	The Loan for Fire Brigade Quarters and Stations (Rs. 4,50,000).	23rd December 1892, 30th November and 1st December 1893.	No. 5144 / 8-8-92.	No. 2501 / 14-6-92.
11	The Loan for repayment of the balance of the 4½ per cent. Government Consolidated Loan (Rs. 42,00,000).	28th and 29th June 1893.	No. 13956 / 23-3-93.	No. 1989 / 6-6-93.
12	The Loan for Drainage and other Works (Rs. 23,25,000).	12th and 31st January 1894 and 11th and 15th July 1895.	No. 6228 / 28-9-93.	Nos. 809 / 3-3-94 and 3764 / 9-10-94.
13	The Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (Rs. 15,75,000, of which the 2nd instalment of Rs. 5,75,000 was raised at 4 per cent.).	17th July 1899 ...	Nos. 504 / 12-4-94, 13697 / 7-3-95, 8922 / 7-11-95, 8976 / 7-11-95, 12034/5 / 4-2-97 and 14439 / 28-3-97.	Nos. 3803 / 22-8-95, 883 / 22-2-96, 2320 / 3-6-99 and 2643 / 23-6-99.
14	The Loan for Sewerage and other Sanitary Works (Rs. 25,00,000).	17th and 18th July 1899.	Nos. 6976 / 7-11-95, 12034/5 / 4-2-97, and 14435 / 28-3-97.	Nos. 3441 / 28-8-97 and Telegram / 26-7-98.
15	The Loan for Sewerage, Roads and other Sanitary Works (Rs. 19,25,000).	18th and 19th July 1899 and September 1900.	No. 628 / 18-4-98.	No. 4960 / 5-9-98.
16	The Permanent Loan for Plague purposes (Rs. 20,00,000).	6 lakhs raised between 15th July and 20th December 1899, 6 lakhs raised in November 1900 and 8 lakhs raised between 12th August and 9th October 1902.	No. 8099 / 6-12-97.	No. 4960 / 5-9-98.
17	The Loan for certain Sewerage and Water Works (Rs. 24,75,000).	6 lakhs raised between 15th June and 1st July 1901, 11 lakhs raised between 23rd August and 31st October 1901, 4 lakhs raised between 19th August and 28th October 1902, and 3½ lakhs raised on 9th September 1903.	No. 1956 / 14-5-1900.	No. 3427 / 15-6-1901.
	3½ Per Cent. Loans.			
13A	The Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and Water Works (Rs. 15,75,000, of which the 1st instalment of Rs. 10 lakhs was raised at 3½ per cent.).	1st December 1896 ...	(*Vide* Loan No. 13)...	(*Vide* Loan No. 13).

W. E. WAITE,

Chief Accountant.

No. 8.

Loans, the amounts payable for the year 1903-04, the amounts paid by the Bank Balances outstanding on the 31st March 1904.

Date when Loan is repayable.	Interest outstanding on 1st April 1903.	Interest payable in 1903-04.	Total Interest due.	Less Interest paid by the Bank of Bombay.	Outstanding Balance on 31st March 1904.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1st January 1919 ...	29,150 0 0	85,100 0 0	1,14,250 0 0	94,712 8 0	19,537 8 0
1st July 1925 ...	25,462 8 0	1,86,950 0 0	2,12,412 8 0	1,88,150 0 0	24,262 8 0
1st February 1928 ...	16,000 0 0	35,000 0 0	51,000 0 0	44,112 8 0	6,887 8 0
Between 1st January 1928 and 1st January 1953.	76,112 8 0	7,35,000 0 0	8,11,112 8 0	7,78,975 0 0	32,137 8 0
1st January 1928 ...	9,962 8 0	60,000 0 0	69,962 8 0	64,762 8 0	5,200 0 0
1st October 1928 ...	625 0 0	50,425 0 0	51,050 0 0	50,250 0 0	800 0 0
1st July 1929 ...	.....	12,400 0 0	12,400 0 0	12,400 0 0	.....
1st July 1930 ...	31,112 8 0	1,75,000 0 0	2,06,112 8 0	1,97,925 0 0	8,187 8 0
1st July 1931 ...	.....	40,000 0 0	40,000 0 0	40,000 0 0	.....
1st January 1922 ...	4,870 0 0	18,000 0 0	22,870 0 0	20,690 0 0	2,180 0 0
1st July 1923 ...	26,870 0 0	1,68,000 0 0	1,94,870 0 0	1,73,350 0 0	21,520 0 0
1st July 1935 ...	19,069 5 7	23,000 0 0	1,17,069 5 7	96,550 0 0	15,519 5 7
1st July 1936 ...	440 0 0	22,000 0 0	23,440 0 0	23,120 0 0	320 0 0
1st November 1939 ...	360 0 0	1,00,000 0 0	1,00,360 0 0	95,300 0 0	5,060 0 0
1st June 1940 ...	6,837 2 10	77,000 0 0	83,837 2 10	75,271 6 9	8,565 12 1
1st May 1929 ...	2,149 6 4	80,000 0 0	82,149 6 4	78,395 5 5 (a) 0 0 3	3,754 0 8
1st June 1943 ...	2,901 1 3	87,369 13 9	90,270 15 0	87,883 15 3 (a) 0 0 6	2,386 15 3
1st July 1936 ...	.....	35,000 0 0	35,000 0 0	34,947 8 0	52 8 0
Total Rs...	2,51,922 0 0	20,61,244 13 9	23,13,166 13 9	21,56,795 11 5 (a) 0 0 9 21,56,795 12 2	1,56,371 1 7

(a) These represent amounts short paid by the Bank on small pieces for broken periods and therefore treated as savings.

W. L. HARVEY,
Municipal Commissioner.

Appendix

LIABILITIES AND ASSETS OF THE BOMBAY

Liabilities.		Amount.	Total.	Grand Total.
		Rs.	Rs.	Rs. a. p.
I—Debt.				
Due to Government—				
Vehar Debt				24,42,355 15 5
Due to the Public—	Original	Repaid	Balance.	
5 % Loans.	Rs.			
Drainage Loan of 1878	26,94,000	10,61,500	16,32,500	
Sanitary Works Loan of 1885-86...	44,00,000	6,61,000	37,39,000	
Sanitary Works Loan of 1888	7,00,000	.....	7,00,000	
12 Lakhs Drainage and Water Works Loan	12,00,000	.....	12,00,000	
Rs. 10,08,500 Miscellaneous Works Loan	10,08,500	.....	10,08,500	
Rs. 2,48,000 Agripada House Sullage Water Connection Loan	2,48,000	.....	2,48,000	
35 Lakhs Various Sanitary Works Loan	35,00,000	.....	35,00,000	
147 Lakhs Tansa Water Works Loan	1,47,00,000	.....	1,47,00,000	
8 Lakhs Municipal Building Loan	8,00,000	.....	8,00,000	
Total 5 % Loans... ...	2,92,50,500	17,22,500	2,75,28,000	
4 % Loans.				
4½ Lakhs Loan for Fire Brigade Quarters and Stations	4,50,000	.....	4,50,000	
42 Lakhs Loan for Repayment of Balance of Government Consolidated Loan...	42,00,000	.....	42,00,000	
28½ Lakhs Loan for the construction of Drainage, Water Works and other Works...	28,25,000	.....	28,25,000	
15¾ Lakhs Loan for the construction of Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (2nd Instalment)	5,75,000	.....	5,75,000	
25 Lakhs Loan for Sewerage, Water and other Sanitary Works	25,00,000	.....	25,00,000	
19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works	19,25,000	.....	19,25,000	
20 Lakhs Loan for Plague Expenses	20,00,000	.....	20,00,000	
24¾ Lakhs Loan for Sewerage and Water Works (1st, 2nd and 3rd Instalments)	24,75,000	.....	24,75,000	
Total 4 % Loans... ...	1,64,50,000	.....	1,64,50,000	
Debt due to the Public—Carried over...	Rs. 4,57,00,500	17,22,500	4,39,78,000	24,42,355 15 5

No. 9.

MUNICIPALITY AT 31st MARCH 1904.

Assets.				Amount.	Total.	Grand Total.
				Rs. a. p.	Rs. a. p.	Rs. a. p.
I. Cash Balance at 31st March 1904 in the office and Bank Treasuries.						2,09,923 4 0
II. Advances Recoverable—						
a. Cash advanced to Municipal and Plague Officers—						
To Municipal Officers				33,976 9 5		
„ Plague Officers				850 0 0		
					34,826 9 5	
b. Inter-departmental Charges—						
Workshops (Private and Departmental Works)				3,300 2 11		
Engineer's Department (Private Works)				40,765 0 10		
Engineer's Department (Departmental Works)				1,131 3 8		
					45,196 7 5	
c. Advances to Contractors					49,735 4 1	
d. Miscellaneous					53,454 1 2	
						1,82,762 6 1
III. Investments—						3,92,690 10 1

a. Surplus Fund Deposits—	Face value.	Actual cost.	Current account & fixed deposits.		
	Rs.	Rs. a. p.	Rs. a. p.		
5 per cent. Municipal Debentures	4,21,000	4,21,000 0 0			
4 per cent. Bombay Improvement Trust Debentures	3,04,500	3,06,767 8 0			
3½ per cent. Government Paper	5,000	4,945 0 0			
Total	7,30,500	7,32,712 8 0	17,21,475 15 8	24,54,188 7 8	24,54,188 7 8

b. Loan Funds—	Face value.	Actual cost.	Current account & fixed deposits.		
25 Lakhs Loan.—	Rs.	Rs.	Rs. a p.		
4 per cent. Bombay Improvement Trust Debentures	98,000	99,960	42 11 0	1,00,002 11 0	
19¼ Lakhs Loan—					
4 per cent. Bombay Improvement Trust Debentures	1,02,000	1,04,040	5,77,442 2 1	6,81,482 2 1	
24¾ Lakhs Loan.—					
4 per cent. Bombay Improvement Trust Debentures	1,00,000	1,01,500	2,91,342 9 10	3,92,842 9 10	
Total Loan Funds	3,00,000	3,05,500	8,68,827 6 11	11,74,327 6 11	11,74,327 6 11

c. Sinking Funds—	Face value.	Actual cost.	Cash Deposits.		
5 per cent. Loans—	Rs. a. p.	Rs. a. p.	Rs. a. p.		
5 per cent. Municipal Debentures	28,89,000 0 0	28,89,000 0 0	402 1 7	28,89,402 1 7	
4 per cent. Loans—					
4 per cent. Municipal Debentures	10,05,500 0 0	10,05,316 6 9			
4 per cent. Bombay Improvement Trust Debentures	6,98,500 0 0	6,97,041 11 3			
Total	17,04,000 0 0	17,02,358 2 0	415 14 8	17,02,774 0 8	
3½ per cent. Loan—					
3½ per cent. Government Paper	1,05,500 0 0	1,03,287 10 0	427 3 2	1,03,714 13 2	
Total Sinking Funds	46,98,500 0 0	46,94,645 12 0	1,245 3 5	46,95,890 15 5	* 46,95,890 15 5
d. Special Funds—					
FIRE INSURANCE FUND—					
MUNICIPAL BUILDINGS					
5 per cent. Municipal Debentures	27,000 0 0	27,000 0 0			
4 per cent. Municipal Debentures	25,500 0 0	25,024 11 0			
4 per cent. Bombay Improvement Trust Debentures	17,500 0 0	17,648 2 0			
3½ per cent. Government Paper	1,000 0 0	996 14 0			
Total	71,000 0 0	70,669 11 0	540 10 2	71,210 5 2	
Special Funds carried over Rs.	71,000 0 0	70,669 11 0	540 10 2	71,210 5 2	
				Carried over Rs....	83,24,406 14 0	3,92,690 10

* Of this, Rs. 19,72,126-15-6 belong to the Water Works Account.

Appendix

LIABILITIES AND ASSETS OF THE BOMBAY

Liabilities.		Amount.	Total.	Grand Total.
		Rs.	Rs.	Rs. a. p.
Brought forward				24,12,355 15 5
Debt due to the Public—Brought forward Rs.	4,57,00,500	17,22,500	4,39,78,000	
3½ % Loan.	Rs.			
15½ Lakhs Loan for the construction of Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st Instalment)	10,00,000	.....	10,00,000	
Total 5%, 4% and 3½ % Loans ...	4,67,00,500	17,22,500	4,49,78,000	4,49,78,000 0 0
Total Debt...Rs. ...				4,74,20,355 15 5
II DEPOSITS.				
Contractors', &c., deposits in cash		3,38,615 6 4		
Deposits on account of works performed for private parties....		7,581 0 6	3,46,196 6 10	
Contractors', &c., Government, &c., Paper Deposits (lodged with the Bank of Bombay)		2,24,100 0 0		
Contractors', &c., Government, &c., Paper Deposits (kept in Office)		7,400 0 0		
Deposit on account of Sir Mangaldas Nathoobhai's Clock		500 0 0	2,31,500 0 0	
Government of Bombay on account of Income Tax recovered from Establishments		10 3 0		
Income Tax recovered from Owners of Public Land Conveyances		186 0 0	196 3 0	
Contribution from the G. I. P. Railway towards the cost of removal of the 32" Vehar Main from within the Railway limits between Coorla and Clarke Roads and relaying the same			5,77,992 9 10 74,000 0 0	
				6,51,992 9 10
III Stock Adjustment Account				12,533 14 3
IV Loan Works Establishment				17,869 15 8
V Cheques payable..				89,380 6 2
VI Book value of Municipal land at Agripada, &c., transferred to the Improvement Trust				18,39,467 8 0
Total Liabilities ...				5,00,80,240 5 4
Balance being Assets in excess of Liabilities				1,56,38,179 7 3
Total Rs. ...				6,56,68,419 12 7

W. E. WAITE,
Chief Accountant.

No. 9—*contd.*

MUNICIPALITY AT 31ST MARCH 1904.

Assets.	Nominal value.	Actual cost.	Cash deposits,	Amount.	Total.	Grand Total.
			Brought forward ...	Rs. a. p.	Rs. a. p. 83,24,406 14 0	Rs. a. p. 3,92,690 10 1
	Rs. a. p.	Rs. a. p.	Rs. a. p.			
Special Funds brought over	71,000 0 0	70,669 11 0	540 10 2	71,210 5 2		
2. WORN-OUT WATER MAINS RENEWAL FUND—						
5 per cent. Municipal Debentures	2,87,000 0 0	2,87,000 0 0				
4 per cent. Municipal Debentures...	1,47,000 0 0	1,44,386 14 0				
4 per cent. Bombay Improvement Trust Debentures...	40,000 0 0	40,001 14 0				
3½ per cent. Government Paper	7,000 0 0	6,886 4 0				
Total ...	4,81,000 0 0	4,78,275 0 0	403 15 11	4,78,678 15 11		
3. NET PREMIA FUND—						
5 per cent. Municipal Debentures	36,500 0 0	36,500 0 0				
4 per cent. Municipal Debentures	2,000 0 0	1,988 2 0				
4 per cent. Bombay Improvement Trust Debentures	10,000 0 0	10,200 0 0				
Total ...	48,500 0 0	48,688 2 0	91 15 5	(a) 48,780 1 5		
4. SCHOOL BUILDING FUND—						
4 per cent. Municipal Debentures	8,500 0 0	8,360 10 0				
4 per cent. Bombay Improvement Trust Debentures	1,000 0 0	1,020 0 0				
3½ per cent. Government Paper	51,400 0 0	52,672 3 0				
Total ...	60,900 0 0	62,052 13 0	447 12 8	62,500 9 8		
Total Special Funds ...	6,61,400 0 0	6,59,685 10 0	1,484 6 2	6,61,170 0 2	6,61,170 0 2	
					89,85,576 14 2	
e. Contractors', &c., Paper Deposit				2,24,100 0 0		
f. Paper Deposit on account of Sir Mangaldas Nathoobhai's Clock...				500 0 0		
					2,24,600 0 0	
						(b) 92,10,176 14 2
IV. Reserve Stock—						
Serviceable Stores—						
General Stores					17,313 7 4	
Water Works Stores					1,92,980 8 3	
Drainage Stores					63,058 9 3	
Executive Engineer's Stores (Kerosine Oil)					16,376 8 5	
Plague Stores					25,265 4 9	
					3,14,994 6 0	
Surplus and obsolete stores					4,02,258 6 9	
						7,17,252 12 9
V. Loan Works—Construction—						
a. Buildings and Sanitary Structures				49,20,246 12 2		
b. Roads and Bridges...				27,32,197 3 2		
c. Drainage (including Buildings)				1,18,10,916 3 10		
d. Water Works (do.)				2,78,18,189 0 2		
e. Cemeteries (Burning and Burial Grounds)				6,04,491 14 6		
f. Disposal of Town Sweepings				10,38,529 4 0		
g. Miscellaneous				51,785 13 10		
				(c)4,89,71,356 3 8		
VI. Unbooked Property				(d) 45,37,835 11 11	5,35,09,191 15 7	
VII. Other Property—						
Land transferred to Bombay Improvement Trust...					18,89,107 8 0	
						5,53,48,299 7 7
			Total Rs. ...			6,56,68,419 12 7

(a) Of this Rs. 39,939-9-6 belong to the Water Works Account.
(b) *Vide* Accompaniment **B**.
(c) *Vide* Accompaniment **A**.
(d) In addition to this, some properties, &c., acquired from current revenue since 1883-84 have remained unbooked.

W. L. HARVEY,
Municipal Commissioner.

Appendix No. 9-A.

Schedule of New Works, &c., carried out from Loan and Special Funds up to 31st March 1904.

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—Buildings and Sanitary Structures—			
Bandora Slaughter Houses...	2,34,297 12 8		
Workshop and Store Shed	1,42,079 7 1		
Girgaum Police Court (Share of)...	34,000 0 0		
Null Bazar Market	1,56,770 1 7		
Fort Market	22,866 7 11		
Arthur Crawford Market	11,39,410 11 6	17,29,624 8 9	
44 Lakhs Sanitary Works Loan—			
Enlargement of Dhobi Lines at Mahaluxmi	28,499 12 3		
Chawl for Gowlies working at the Agripada Milch-Cattle Stables	6,129 13 6		
Health Department Stables at Bori Bunder	43,677 13 3		
Establishment Charges for the above three Works ...	8,803 2 6	87,110 9 6	
10,08,500 Miscellaneous Works Loan—			
Market at Colaba	* 44,393 15 11		
Extension of Erskine Road Market	† 3,99,758 9 0		
Extension of the Arthur Crawford Mutton Market ...	42,754 2 9	4,86,906 2 8	
36 Lakhs Various Sanitary Works Loan—			
Health Department Bullock Stables and Quarters for Scavengers...	60,203 4 4		
Bhuleshwar Market Extension	3,32,817 1 11		
Labourers' Quarters in connection with the Arthur Crawford Market...	9,516 14 3		
Foras Road Market	18,499 14 11		
Chawl for Halalkhores in Cursetji Saklaji Street ...	88,462 8 2	6,31,499 13 1	
8 Lakhs Loan and Special Invested Fund—			
Municipal Office Buildings		14,67,886 14 3	
4½ Lakhs Fire Brigade Loan—			
Land and Buildings for Fire Brigade		4,03,320 6 1	
Executed out of Savings on different Loans—			
Constructing Lascars' quarters, &c., at Gowalia Tank Fire Brigade Station	3,410 9 11		
Latrines at Colaba	20,299 13 10		
Constructing new Quarters for an Engineer and 10 Lascars at Saukli Tank Fire Brigade Station ...	15,587 13 11		
Portion of Cost of Site for the Colaba Market	28,068 0 0		
Currey Road Market	15,207 5 10		
Market at Chowpatti	63 0 0		
Health Departments Stables in F. and G. Wards ...	68,120 8 2		
Construction of a Cook room in connection with the existing Engineer's Quarters and two Nahanis in connection with the Lascars' Quarters at Saukli Tank Fire Brigade Station	1,382 10 3	1,50,072 4 11	
Advanced from Surplus Balances—			
Health Department Bigaries' Chawl at Bori Bunder ...	50,058 0 7		
Do. Quarters for Halalkhores	4,268 4 10	54,326 5 5	
			49,20,246 12 2
		Carried over ...Rs.	49,20,246 12 2

* Exclusive of Rs. 21,240 paid out of the premia received on the Loan, and Rs. 23,060 paid out of Savings on different Loans.

† Exclusive of Rs. 31,908-11-11 paid out of the premia received on the Loan.

Appendix No. 9-A—*contd.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			49,20,246 12 2
B.—Roads and Bridges—			
Overbridges	1,97,563 0 1		
Foras Road	1,13,418 14 10		
Nowroji Hill Road	57,913 3 0		
		3,67,895 1 11	
44 Lakhs Sanitary Works Loan—			
Road from Bellasis Road across Old Race Course (including Establishment Charges)		1,41,500 1 2	
10,08,500 Miscellaneous Works Loan—			
Cross Road at Mahaluxmi Station from Clarke Road to Haines Road	19,594 4 8		
Road through Nowroji Hill	70,089 2 0		
		89,683 6 8	
35 Lakhs Various Sanitary Works Loan—			
Roads and Streets in Agripada and elsewhere... ...	15,02,293 14 10		
New Road from Jakeria Bunder Road to Sewree cemetery.	24,217 15 11		
		15,26,511 14 9	
23½ Lakhs Loan—			
Falkland Road Bridge	15,082 9 4		
Wari Bunder Bridge	1,32,652 0 0		
		1,47,734 9 4	
15½ Lakhs Loan—			
Wari Bunder Road	2,85,836 8 7		
Victoria Road Extension	30,895 10 4		
		3,16,732 2 11	
Executed out of Savings on different Loans—			
Diversion of Arthur Road over the masonry culvert ...	16,266 11 1		
Acquisition of land at different places as sites for new Roads	9,337 0 0		
		25,603 11 1	
Advanced from Surplus Balances—			
Land for Overbridge at the junction of Fergusson and DeLisle Roads	7,606 13 10		
Land for Overbridge at Currey Road	7,388 3 10		
Land at Cavel Street	10,721 3 9		
Acquisition of the property of Karimbhoy Jamabhoy at Fergusson Road near the B. B. & C. I. Railway DeLisle Road level-crossing	14,876 14 11		
Acquisition of land at Gola Street	7,038 7 0		
		47,691 11 4	
Met out of the Nesbit Road Bridge Invested Fund—			
Nesbit Road Bridge (Portion of cost)		49,844 8 0	
Met out of the Road Improvement Fund—			
Spent on Special Street Improvements		12,000 0 0	
			27,32,197 3 2
C.—Drainage Works—			
Fort Sewers	73,627 4 8		
Kamatipura Drain	1,91,947 8 10		
Drains in Fanaswadi and Agiary Lane	1,852 12 3		
Branch Sewers, Bellasis Road	7,108 6 1		
		2,78,635 15 10	
C.—Drainage Works, &c., carried over ... Rs.		2,78,635 15 10	
Carried over ... Rs.			76,52,443 15 4

Appendix No. 9-A—*contd.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			76,52,443 15 4
C.—Drainage Works, &c.—*contd.*		2,78,685 15 10	
Surface Drainage Works executed out of the 6 Lakhs included in the Government Consolidated Loan and Rs. 8,12,060 included in the 44 Lakhs Loan—			
Widening Love Grove Sluices	1,57,326 7 7		
Culverts under the B. B. & C. I. Railway near Bellasis Road	1,791 0 8		
Khetwady Survey	5,599 10 0		
Raising level of Khetwady Roads	28,355 0 1		
Raising private compounds in Khetwady	25,336 2 1		
Three branch drains in Khetwady and storm-water entrances	31,711 15 6		
Intercepting drain, Tardeo District, and storm-water entrances	1,69,851 10 4		
Making connection between Low-level sewers and new main drains	2,610 8 10		
Intercepting drain from Pydhoni to Bellasis Road and Storm-water entrances	3,03,229 3 9		
Enlarging old open main drain	71,318 13 5		
Laying a new 24" main and removing old 24" Tulsi main	74,226 14 0		
Constructing storage reservoir on the Flats and raising levels of manholes and sewers	1,86,225 12 6		
Establishment for the above works	1,21,413 0 0		
Contingencies	63,627 6 11		
Cleaning the Worli Storm-water drain and widening the channels south of the Love Grove sluices ...	79,510 9 7		
		18,22,134 3 3	
Drainage Loan of 1878—			
Main sewers...	4,92,691 8 2		
Pipe sewers	8,00,746 13 1		
Outfall sewer	2,55,766 10 0		
Kamatipura Drainage	76,471 4 6		
Clerk Road Ovoid sewer	39,259 5 11		
Government Commission charges	5,211 15 9		
Preliminary expenses	13,429 6 5		
Departmental works	1,072 1 3		
Compensation for land	18,881 11 1		
Proportion of repairs to roads (opened for the works)	34,372 14 7		
Miscellaneous charges	22,302 15 7		
Establishment for the above works	1,45,000 0 0		
Contingencies	51,167 7 9		
Repairs to old Main Drain at Falkland Road	2,098 13 5		
		14,58,417 15 6	
44 *Lakhs Loan*—			
House connections without privy fittings	6,32,080 1 7		
Shaft ventilators	44,947 0 6		
Closing Storm-water openings in Frere Road Sewer...	17,108 9 6		
Queen's Road intercepting sewer	1,53,969 0 0		
House connection survey	4,561 13 3		
House connections, Kamatipura Drainage	34,977 7 5		
Establishment charges	38,869 0 0		
Pipe sewer from Clare Road along south portion of Haines Road and DeLisle Road	1,14,260 0 7		
Pipe sewer from Parel Workshop to Clerk Road Ovoid sewer	65,793 9 11		
Extension of Clerk Road Ovoid sewer to Parel Road...	35,569 8 0		
Ovoid sewer across the Old Race Course	59,746 13 2		
Ovoid sewer from the Crawford Market down Hornby Road to Bazar Gate and thence to the Mint ...	89,401 11 9		
Establishment	36,309 0 0		
		13,77,598 11 8	
7 *Lakhs Sanitary Works Loan*—			
Adjustment of the extra expenditure incurred on the Queen's Road intercepting sewer	9,633 10 8		
Fort Drainage	3,68,422 5 9		
Establishment charges	39,419 0 0		
New Works at Love Grove Pumping Station... ...	34,645 9 6		
Construction of a side drain along Wari Bunder Road	4,934 0 1		
Construction of a pipe sewer in certain lanes in Khetwady	5,282 6 0		
		4,62,337 0 0	
C.—Drainage Works, &c., carried over ...Rs.		48,99,118 14 3	
Carried over ...Rs.			76,52,443 15 4

Appendix No. 9-A—*contd.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			76,52,443 15 4
C.—Drainage Works, &c.—*contd.*		48,99,118 14 3	
12 *Lakhs Loan*—			
Queen's Road Pipe sewer including contingencies ...	6,09,206 4 2		
Queen's Road house connections	2,05,306 0 9		
Establishment and contingencies	86,122 14 3		
		9,01,437 3 2	
10,88,500 *Miscellaneous Works Loan*—			
Extension of Parel Road Storm-water drains from Bellasis Road to 3rds the length of Ripon Road...	41,106 6 9		
9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street	17,290 8 1		
		58,396 14 10	
2,48,000 *Agripada House Sullage Water-connection Loan*—			
House Sullage Water-connections at Agripada... ...		2,33,533 12 10	
35 *Lakhs Various Sanitary Works Loan*—			
Sewer flushing arrangements		13,864 7 3	
23½ *Lakhs Loan*—			
Pumps and steam engine for the working of the Love Grove Pumping Station	4,63,345 8 6		
Sewerage of Colaba...	3,10,220 8 3		
Sewerage of Umarkhadi District	3,53,786 5 9		
Storm-water drains in Moreland, Souter, Club and Gilder Streets	79,644 0 2		
Storm-water drains in different places	21,819 11 2		
Storm-water drains in Connaught and Sussex Roads ...	35,923 16 9		
Miscellaneous extensions and improvements of drains...	33,664 6 1		
		17,98,404 7 8	
16½ *Lakhs Loan*—			
Sewerage of the Mazagon District on gravitation system	3,06,680 0 5		
Sewerage of Malabar and Khambalia Hills on gravitation system	1,31,666 0 1		
Sewerage of Fergusson Road and Chinchpokli District..	89,829 8 5		
Raising sewerage in Queen's Road sewer	1,362 0 0		
Sewerage of 9th Race Course District on gravitation system	39,039 3 1		
		5,69,077 2 0	
25 *Lakhs Loan*—			
Machinery for the sewerage of Parel, the Mazagon, &c., sectional districts	7,30,724 1 8		
Mazagon district, sectional...	3,53,785 4 7		
Storm-water drain from Wellington Fountain *via* Bandstand to the sea	36,778 4 2		
		11,20,287 10 0	
19½ *Lakhs Loan*—			
Improvements in the road side drains along Bhoiwada Cross Road and new side drains along portions of Dadar Road, &c.	29,856 14 11		
Surface drainage of Kamatipura	83,440 9 2		
Storm-water drain in Tardeo Road	1,56,512 11 3		
Low-level channel from the Tardeo Flats to Worli Point	2,52,652 8 9		
		5,22,492 12 1	
24½ *Lakhs Loan*—			
Sewerage of the Fergusson Road and Chinchpokli District on the sectional system	2,42,390 6 1		
Sewerage of the Parel District on the sectional system...	4,66,249 13 7		
Completion of house drainage connections in different parts of the city	3,55,081 2 3		
		10,63,721 3 11	
Executed out of savings on different Loans—			
Slab drain 18" × 18" in Store Lane, Homji Street ...	7,521 14 2		
Pipe sewer in Currey Road	2,595 15 5		
Main sewerage of Parel	22,121 7 8		
Arching over with brick masonry the main drain at the Arthur Road crossing	15,655 0 4		
9" Pipe sewer at Lalwadi	2,087 8 2		
Laying branch pipe sewers in the village of Parel ...	17,527 13 11		
Ovolding side drains to the North of Kalachowki Road	67 4 0		
Works executed out of savings carried over ... Rs.	61,576 15 8		
C.—Drainage Works, &c., carried over ... Rs.		1,14,80,234 7 0	
Carried over ... Rs.			76,52,443 15 4

Appendix No. 9-A—*contd.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			76,52,443 15 4
C.—Drainage Works, &c.—*contd.*		1,11,80,334 7 0	
Executed out of savings on different Loans—Brought forward.	61,576 15 8		
Completing the Storm-water drain from the top of Bazar Gate Street to the Salvation Army Hall, Hornby Road.	14,460 2 7		
Sewerage of Parel on the gravitation system	62,081 1 6		
Storm-water drain in Cruickshank Road	17,537 6 0		
Laying a 9" pipe for the carriage of Storm-water to the sea from the eastern half of Wodehouse Road ...	1,992 1 3		
Laying a 9" pipe line at the Parel village	878 7 3		
Storm-water drains in part of Gilder Street and Foras Road from Grant Road to Falkland Road	10,781 14 10		
Constructing a catch-pit on the Mint Road sewer opposite the European General Hospital	4,880 10 8		
Altering and ovoiding Storm-water drain in Girgaum...	11,548 14 10		
Construction of a Storm-water drain in Khetwady ...	52,662 2 8		
Draining the Storm-water from the public road round the Mahaluxmi Dhobiwada	1,156 0 3		
Ovoiding and re-grading the open Road side drains in Umarkhadi Road	3,119 0 11		
Converting the old engine house at Love Grove into an office and godown and constructing a shred-lifter chamber with 4 shred-lifters	25,031 4 1		
Tidal flaps on flushing drains for ovoid sewers	2,235 4 4		
Drainage arrangements at Tardeo Road	2,292 0 8		
Laying 9" pipe sewer in Fergusson Cross Road ...	2,261 14 9		
Masonry drain from Girgaum Road and passing through Night-soil Depôt	21,317 6 7		
Opening out the public water-course behind Mr. Cama's property at Parel Road	3,362 6 7		
Laying a 12" Pipe from the emergent reservoir to man-hole in Apollo Street	3,169 7 8		
Storm-water drains in different places	34,904 7 9		
Ovoiding and constructing masonry side drains in different places	17,895 11 11		
Ovoiding and constructing masonry side drains on Carroll Road, north side...	2,711 3 3		
Ovoiding Kutcha drain in Arthur Road as far as G. I. P. Railway crossing	136 6 0		
Constructing Storm-water drains and ovoiding and constructing masonry side drains in different places...	20,493 10. 8		
Automatic flush tanks on pipe sewers	38,434 0 10		
Improving side drains, Malabar Hill	7,672 13 6		
Filling in Gilder Tank	166 9 0		
Storm-water drains at Fergusson Road from DeLisle Road to the Water-course (3,206 feet) west of the Road	29,964 4 9		
Providing and constructing masonry side drain in Malabar Hill	7,346 11 0		
Providing and constructing masonry side drains (*a*) on Naigaum Cross Road on both sides from Vincent Road to Dadar and (*b*) east and west of Ghorupdeo Road...	5,239 5 6		
Storm-water drain running on the west of the G. I. P. Railway Dadar Station	159 8 0		
Constructing quarters for workmen at Love Grove Air Compressor Station (including purchase of land and an old chawl)	13 0 0		
Constructing additional quarters for Lascars at Love Grove	5,477 9 6		
Cutting out rocky barriers in the channel at Love Grove	116 6 0		
Surface Drainage in Queen's Road between the level crossing and Charni Road	2,807 15 0		
Ovoiding and re-grading the side drain in Imamwada from Parel Road to Jail Road, North	2,030 4 4		
Masonry Storm-water drain 18" × 18" in Apollo Street	1,888 15 9		
Open ovoid drain on the east side of DeLisle Road ...	1,567 14 10		
Zinc ventshafts on pipe sewers in the Fort Sewerage District	6,872 10 0		
Storm-water drain in Sankli Street	11,529 15 8		
Cost of obtaining advice from Mr. Santo Crimp in regard to House Connections, &c.	11,992 9 10		
Construction of permanent man-holes over drains ...	6,284 10 6		
Masonry side drains at Malabar Hill from Gowalia Tank Road to the Government House...	7,805 4 4		
Tidal flaps on the ovoid sewers	11,025 14 0		
		5,36,692 8 9	
C.—Drainage Works, &c., carried over...Rs.		1,17,17,026 15 9	
Carried over ... Rs.			76,52,443 15 4

Appendix No. 9-A—*contd.*

	Amount.	Total.	GRAND TOTAL.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			76,52,443 15 4
C.—Drainage Works, &c.—*contd.*		1,17,17,026 15 9	
Advances from Surplus Balances—			
Fees to Mr. Midgley Taylor on account of his report on the ejector, &c., required for Sectional District	1,961 1 4		
Establishment for the preparation of plans and estimates for the sewerage of Mazagon, Parel and Old Race Course Districts	19,838 0 0		
Tracing the plans and sections of the Parel, Mazagon, and Old Race Course Districts	658 15 0		
17 Catch-pits on pipe sewers	26,994 14 0		
7 Do. on ovoid sewers	43,120 13 4		
Sewerage of the Malabar Hill District, Sectional ...	10,815 8 5		
		98,389 4 1	1,18,10,916 3 10
D.—*Water Works*—			
Vehar Lake (value of)		45,31,943 7 9	
Tulsi Water Works	37,61,888 6 0		
Vehar Outlet Tower...	2,38,111 10 0		
		40,00,000 0 0	
Drainage and Water Works Loan of 1878—			
Service Reservoir at Bhandarwada	.....	10,16,830 13 3	
44 *Lakhs Sanitary Works Loan*—			
Tulsi gathering ground	60,000 0 0		
Malabar Hill Reservoir	4,00,000 0 0		
New hydrants, including cost of erection	20,876 7 1		
Tulsi gathering ground	84,500 0 0		
Construction of a double-storied chawl for the Water Works staff and quarters for the Superintendent ...	29,182 3 3		
Survey of new catch-water channels, &c.	7,838 4 1		
Construction of filter beds at Vehar	1,04,433 15 11		
Improvement of the water-supply of the outlying districts	6,82,065 0 8		
Raising the Tulsi dams	1,13,257 9 7		
Providing additional catch-water channels at Vehar and Tulsi	91,794 0 6		
Purchase of check meters for the prevention of waste of water	1,27,132 14 8		
Enlarging different mains...	1,08,130 8 6		
Cost of new water mains from Nesbit Road to Babula Tank	15,000 0 0		
Establishment charges	80,770 0 0		
Portion of excess cost of the Vehar Outlet Tower—debitable to this Loan	28,684 11 9		
Provision of turbine at the Malabar Hill Reservoir.	3,282 0 0		
		18,95,947 12 0	
7 *Lakhs Sanitary Works Loan*—			
Malabar Hill Reservoir (extra cost)	1,14,039 2 6		
Increasing and improving the distribution of the water supply and providing higher levels, Tulsi District, with filtered water	20,211 8 4		
Portion of excess cost of Vehar Outlet Tower	7,990 10 6		
		1,42,241 5 4	
12 *Lakhs Drainage and Water Works Loan*—			
18" Main in Frere Road from the Bhandarwada Reservoir to Carnac Road and 12" main from Carnac Road to Mint		80,031 5 0	
10,08,500 *Miscellaneous Works Loan*—			
Concrete trench, waste weir, Vehar Lake	30,608 7 1		
Mains in 14 streets west of Frere Road and other mains in various places	59,275 1 8		
Arthur Road connection works necessitated by the laying of the Tansa 27" main	9,542 10 5		
Deacon's meters	16,788 0 0		
		1,16,214 8 2	
D.—Water Works, &c., carried over ... Rs.		1,17,73,208 14 6	
Carried over .. Rs.			1,94,68,360 3 2

Appendix No. 9-A—*contd.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward			1,94,63,360 3 2
D—Water Works, &c.—*contd.*		1,17,73,208 14 6	
35 *Lakhs Various Sanitary Works Loan*—			
Providing an asphalt surface to the floor of the settling basin of the Malabar Hill Reservoir and other works in connection therewith...	92,872 9 2		
Pawai Water Works	6,60,479 6 9		
Additional Water Mains	98,336 0 10		
Extension of Tulsi catch-water Channel	20,886 9 1		
		8,72,574 9 10	
147 *Lakhs Tansa Loan*—			
Tansa Water Works including cost of survey		*1,46,96,383 7 0	
15½ *Lakhs Loan*—			
Improvements of the outlet towers at Vehar and Tulsi		9,165 2 6	
25 *Lakhs Loan*—			
New mains in Reay Road, &c.		1,042 5 0	
23½ *Lakhs Loan*—			
Extension of water mains in various places	28,026 6 5		
Further alterations and improvements at the Malabar Hill Reservoir	29,971 14 8		
Covering storage basin at the Bhandarwada Reservoir and constructing filters over it	91,052 13 0		
Road from Vehar to Tulsi with a light tramway to carry pipes	471 3 6		
		1,39,522 5 7	
Executed out of savings on different Loans—			
15" water main from 24" main in Bhoiwada to Elphinstone Road as far as new Parbhadevi Road and thence a 9" main to the Century Mill	40,769 2 5		
New mains in various places	28,803 1 1		
Covering storage basin at the Bhandarwada Reservoir and constructing filters over it	44,597 14 4		
Excess cost of Worli Road main	21,696 4 1		
Residence of the Chief Inspector, Water Works, at Babula Tank Road and rooms for 6 sluicemen ...	32,028 1 3		
24" and 27" mains from Malabar Hill Reservoir to Frere Fountain	50,098 1 2		
Connections at Chinchpokli between Tansa and Vehar Mains	7,402 1 4		
Laying water mains in Wellington Lines	4,397 9 5		
Renewing 3" main in B. Ward with 4" pipes—extra cost chargeable to Capital	1,050 7 6		
Replacing 32" Vehar pipes for 1½ miles by 48" steel pipes	2,051 6 9		
9" main in DeLisle Road	9,849 6 1		
4" main in Khara Talao	276 0 7		
		2,42,954 8 0	
Advances from Surplus Balances—			
Constructing additional filters with a roof covering at the Malabar Hill Reservoir	39,350 12 2		
4" C. I. main along Wodehouse Road	2,426 2 11		
Mains in the 1st Nagpada scheme	43 9 0		
		41,820 8 0	
Paid out of the Worn-out Water Mains Renewal Fund—			
Cost of renewing 3" main in Worli Road with 9" pipes (chargeable to revenue)		26,617 3 9	
			2,78,13,189 0 2
		Carried over...Rs.	4,72,76,549 3 4

* Exclusive of Rs. 2,40,000 paid out of the Premia received on the Loan.

Appendix No. 9-A—*concld.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward			4,72,76,549 3 4
E—Cemeteries (Burning and Burial Grounds)—			
15¼ *Lakhs Loan—*			
Burial ground for Mahomedans and Beni-Israels ...		2,11,652 4 5	
19¼ *Lakhs Loan—*			
Purchase of two sites of land for burning and burial grounds at Mahim, including cost of enclosure walls, &c.		44,476 15 2	
25 *Lakhs Loan—*			
Purchase of land from Mr. Ashburner for extension of burial ground for Mahomedans	1,17,046 0 6		
Purchase of land in Nariclwady for future extension of burial ground for Mahomedans	1,59,676 0 9		
Extension of burial ground at the Sewri Cemetery ...	71,640 9 8		
		3,48,362 10 11	6,04,491 14 6
F—Disposal of Town Sweepings—			
35 *Lakhs Loan—*			
Purchase of land on the Flats required for the disposal of town sweepings		1,98,913 8 8	
23¼ *Lakhs Loan—*			
Purchase of land on the Flats for the deposit of kutchra		5,890 14 1	
25 *Lakhs Loan—*			
Disposal of town sweepings at Deonar		7,84,000 0 0	
19¼ *Lakhs Loan—*			
Extra cost of the scheme for the disposal of town sweepings at Deonar		30,080 5 3	
Executed out of savings on different Loans—			
30 Additional wagons for the disposal of town-sweepings		19,644 8 0	10,38,529 4 0
G—Miscellaneous—			
19¼ *Lakhs Loan—*			
Purchase of land for the site of the Petit Hall and other charges in connection therewith...		1,785 13 10	
Executed out of savings on different Loans—			
Providing and fixing of new pattern hydrants for watering and fire brigade purposes		50,000 0 0	51,785 13 10
		Total Rs....	4,89,71,856 3 8

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

Appendix No. 9-B.

STATEMENT showing the Invested Balances on 31st March 1904 as compared with 31st March 1903.

	On 31st March 1903.	On 31st March 1904.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A—SURPLUS FUND INVESTMENTS ...	20,41,665 0 5	24,54,188 7 8	4,12,523 7 3	.....
Loan Fund Balances	19,26,696 8 7	11,74,327 6 11	.....	7,52,369 1 8
Rs. ...	39,68,361 9 0	36,28,515 14 7	4,12,523 7 3	7,52,369 1 8
B—SINKING FUND—				
5 per cent. Municipal Loans	26,21,533 0 10	28,89,402 1 7	2,67,869 0 9	.....
4 Do. do.	14,12,878 1 10	17,02,774 0 8	2,89,895 14 10	.....
3½ Do. do.	88,377 14 4	1,03,714 13 2	15,336 14 10	.....
Rs. ...	41,22,789 1 0	46,95,890 15 5	5,73,101 14 5	.....
C—MISCELLANEOUS FUNDS—				
Municipal Buildings Fire Insurance Fund	63,417 5 1	71,210 5 2	7,793 0 1	.....
Worn-out Water Mains Renewal Fund ...	4,57,262 12 4	4,78,678 15 11	21,416 3 7	.....
Net Premia Fund	37,995 9 6	48,780 1 5	10,784 7 11	.....
School Building Fund	60,388 12 4	62,500 9 8	2,111 13 4	.....
Rs. ...	6,19,064 7 3	6,61,170 0 2	42,105 8 11	.....
	87,10,215 1 3	89,85,576 14 2	10,27,730 14 7	7,52,369 1 8
Contractors' &c., Deposits in Government and other Securities	2,20,300 0 0	2,24,600 0 0	4,300 0 0	.....
TOTAL Rs. ...	89,30,515 1 3	92,10,176 14 2	10,32,030 14 7	7,52,369 1 8
		Less—*Decrease*...	7,52,369 1 8	
		Net Increase. Rs.	2,79,661 12 11	

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

Appendix No. 10.

STATEMENT of Expenditure on Plague Operations from 1st April 1903 to 31st March 1904.

Particulars.		Amount.		
		Rs.	a	p.
Establishment—				
(*a*) Free medical relief and registration		18,483	8	0
(*b*) Removal to hospitals of cases not properly isolated at home		3,711	4	8
(*c*) Disinfection of houses, clothing and bedding of patients		29,838	6	2
(*d*) Affording facilities to persons to evacuate infected houses and localities		8,470	13	1
(*e*) Free medical relief to Sick poor (hospitals)		24,823	10	10
(*f*) Cleaning and flushing drains		5,635	3	4
(*g*) Administration and clerical staff		18,821	1	1
(*h*) Sundry other staff (not included in the above)		6,228	15	9
		1,16,012	14	11
Dispensaries (excluding establishment charges)		8,290	2	10
Contingencies (conveyance, cart hire, lighting camps, law, &c., charges, repairs to ambulances)		8,303	11	6
Printing and stationery		2,630	4	3
Food-supply, hospitals (including clothing and other supplies, but excluding medicines)		12,717	13	3
Petty stores (repairs to furniture, coal, &c., for disinfectors, sundry stores for district offices and hospitals, &c.)		5,523	9	6
Writes off of irrecoverable bills for removing insanitary fittings		9,462	0	11
Lime		395	6	7
Uniforms to ramosis, &c.		353	10	0
Medicines, medical instruments and appliances (excluding supplies to dispensaries)		13,471	6	3
Repairs and maintenance—District offices, sheds, hospitals, &c.		10,346	6	3
Disinfectants		11,718	1	5
Rent of ground, godowns and quarters		13,646	4	1
Stores, firewood for cremation of dead bodies, &c.		3,786	7	4
Inspection of houses in different parts of the city for the purpose of improvements to insanitary houses		25,947	1	3
Telephone connections and alterations		3,358	1	3
Cutting off service pipes and erecting stand-pipes, making reconnections, &c.		1,606	12	8
Pulling down and burning condemned houses		75	0	0
Rebate of taxes to the Bombay Improvement Trust in respect of lands occupied for plague purposes.		2,927	14	5
Cost of preparing Professor Lustig's curative serum in Bombay		*Cr. 385*	*0*	*9*
Purchase of furniture		*Cr. 101*	*8*	*0*
Fees for notification of plague cases		1,001	0	0
		2,50,187	7	11
Less—Receipts—	Rs. a. p.			
Miscellaneous recoveries including sale of unserviceable stores	3,202 11 1			
Miscellaneous fines and penalties	54 4 0			
Recoveries from occupants of private health camps on account of conservancy arrangements, &c.	3,042 4 5			
		6,299	3	6
Total ... Rs.		2,43,888	4	5

W. E. WAITE,
Chief Accountant.

W. L. HARVEY,
Municipal Commissioner.

INCOME FOR 1903-1904.

INCOME.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Water Tax and other Miscellaneous Water Works Revenue, *vide* details in Appendix No. 13 (*vide* page 72)		15,71,666 4 7	
Interest on the Worn-out Water Mains Renewal Fund Investment (*vide* page 74)	21,416 3 7		
Do. Net Premia Fund Investment (*vide* page 74)	1,944 0 8		
		23,360 3 7	
			15,94,926 8 1
Excess Expenditure over Income.. ..			1,16,285 5 2
Total Rs. ...			17,11,211 13 4

W. B. WAITE,
Chief Accountant.

11.

ACCOUNT.

EXPENDITURE FOR 1903-1904.

EXPENDITURE.			Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence (proportion of) (*vide* page 73)		29,258 10 3			
Assessment and Collection Charges (proportion of) (*vide* page 73).		29,617 4 4			
Engineer's Establishment (proportion of) (*vide* page 73).		15,723 11 10			
		74,499 10 5			
Maintenance of Vehar, &c., Water Works (*vide* page 73).		2,24,871 14 0			
Loss on account of private works irrecoverable bills (*vide* page 73).		31 12 4			
			2,99,403 4 9		
New Works (*vide* page 75).			16,890 5 4		
				3,16,293 10 1	
Investments—					
Interest realized on the Worn-out Water Mains Renewal Fund (*vide* page 89).			21,416 3 7		
Interest realized on the Net Premia Fund (Water Works portion (*vide* page 89).			1,944 0 0		
				23,360 3 7	
				3,39,653 13 8	
Interest on Water Works Loans (Debt)—					
Due to Government—Vehar Debt			98,071 5 2		
Due to the Public—					
Portion of 10 Lakhs for Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878		31,588 11 1			
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)		30,682 9 1			
Water Works portion of the 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)		9,519 7 2			
Water Works portion of the 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)		4,250 0 0			
Tansa Water Works Loan of Rs. 147 lakhs		7,78,975 0 0			
Water Works portion of the Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000)		6,750 0 0			
Water Works portion of the 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000)		46,000 0 0			
Water Works portion of the 42 Lakhs Loan for repayment of balance of the Government Consolidated Loan (Rs. 28,59,762)		1,14,390 7 8			
Water Works portion of the 23½ Lakhs Loan for Drainage and other Works (Rs. 2,45,500)		9,820 0 0			
Water Works portion of the 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Works (Rs. 30,000)		1,050 0 0			
Water Works portion of the 25 Lakhs Loan for Sewerage, &c., Works (Rs. 2,31,297)		9,251 14 1			
Water Works portion of the 23½ Lakhs Loan for certain Sewerage and Water Works (Rs. 2,73,000)		10,920 0 0			
			11,03,198 1 1		
		(*vide* page 81)	12,01,269 6 3		
Commission to Bank of Bombay for payment of interest on the Water Works portion of the different Loans (*vide* page 80).			4,392 2 4		
Payments towards the reduction of debt or investment of Sinking Fund of the following Water Works Loans (Debt)—				12,05,661 8 7	
Vehar Debt			15,904 10 10		
Portion of the 10 Lakhs for Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878			26,726 0 11		
Water Works portion of the 44 Lakhs Sanitary Works Loan(Rs. 18,98,921)			13,184 8 10		
Do.	do.	7 Lakhs Sanitary Works Loan (Rs. 1,90,389)	1,681 14 6		
Do.	do.	12 Lakhs Drainage and Water Works Loan (Rs. 85,000)	779 2 8		
Do.	do.	Rs. 10,08,500 Miscellaneous WorksLoan (Rs.1,35,000)	1,151 3 5		
Tansa Water Works Loan of Rs. 147 Lakhs			42,000 0 0		
Water Works portion of the 35 Lakhs Various Sanitary Works Loan(Rs.9,20,000)			7,622 13 0		
Do.	do.	42 Lakhs Loan for repayment of balance of the Government Consolidated Loan (Rs. 28,59,762).	51,407 10 0		
Do.	do.	23½ Lakhs Loan for Drainage and other Works (Rs. 2,45,500)	2,629 3 7		
Do.	do.	15¾ Lakhs Loan for Sewerage, Wari Bunder, &c. Works (Rs. 30,000)	361 3 2		
Do.	do.	25 Lakhs Loan for Sewerage, &c., Works(Rs. 2,31,297).	2,498 0 2		
			(*vide* page 87)	1,65,896 7 1	
Total Rs.....					17,11,211 13 4

W. L. HARVEY,
Municipal Commissioner.

Appendix

WATER WORKS

SCHEDULE OF LIABILITIES AND

LIABILITIES.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Debt due to Government—			
Government of Bombay on account of Vehar Debt (See page 50)		24,42,355 15 6	
Debt due to the Public—			
Portion of 10 lakhs for the Bhandarwada Water Works of the Loan of Rs. 25,94,000 of 1873 ...	6,05,048 4 1		
Water Works portion of the 44 lakhs Sanitary Works Loan	16,13,651 4 7		
Water Works portion of the 7 lakhs Sanitary Works Loan	1,90,389 0 0		
Water Works portion of the 12 lakhs Drainage and Water Works Loan	85,000 0 0		
Water Works portion of the Miscellaneous Works Loan of Rs. 10,08,500	1,35,600 0 0		
Water Works portion of the 35 lakhs Various Sanitary Works Loan	9,20,000 0 0		
Tansa Water Works Loan of 147 lakhs	1,47,00,000 0 0		
Water Works portion of the 42 lakhs Loan for repayment of the balance of Government Consolidated Loan	28,59,762 0 0		
Water Works portion of the 28¼ lakhs Loan for Drainage and other Works	2,45,500 0 0		
Water Works portion of the 15¼ lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works	80,000 0 0		
Water Works portion of the 25 lakhs Loan for Sewerage, Roads and other Works	2,31,297 0 0		
Water Works portion of the 24¾ lakhs Loan for certain Sewerage and Water Works	2,73,000 0 0		
		2,13,83,547 3 8	
			2,43,31,903 8 1
Balance—Assets in excess of Liabilities ...			59,72,931 1 0
TOTAL Rs....			3,03,03,934 9 1

W. E. WAITE,
Chief Accountant.

No. 12.
ACCOUNT.
ASSETS AT 31ST MARCH 1904.

ASSETS.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I. Properties—			
Water Works executed out of Loan and Reserve Funds as detailed at pages 63 and 64 (*vide* Appendix No. 9-A)		2,78,18,189 0 2	
II. Investments—			
Bank of Bombay, Municipal Loans Sinking Funds Deposit Account—			
Rs. a. p.			
5 per cent. Loans 13,05,812 5 10			
4 ,, ,, ... 6,63,203 2 7			
3½ ,, ,, ... 3,111 7 1	19,72,126 15 6		
Bank of Bombay Worn-out Water Mains Renewal Fund Deposit Account (*vide* page 57) ...	4,78,678 15 11		
Bank of Bombay Net Premia on different Municipal Loans—Deposit Account (*vide* page 57).	* 39,939 9 6		
		24,90,745 8 11	
			3,03,03,934 9 1
		TOTAL RS....	3,03,03,934 9 1

	Rs. a. p.
* Balance on 1st April 1903	37,995 9 6
Add—Interest realized in 1903-04	1,944 0 0
Total Rs. ..	39,939 9 6

W. L. HARVEY,
Municipal Commissioner.

Appendix

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

RECEIPTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
Cash Balance (In Bank and Office Treasuries) on 1st April 1903				1,49,059 3 3
GENERAL TAX—				
From the Public		25,35,475 8 2		
„ Government of Bombay	1,32,814 12 0			
„ Port Trust	2,34,847 0 0			
		3,67,661 12 0		
			29,03,137 4 2	
WHEEL TAX AND TOLLS—				
WHEEL TAX—				
Through Assessor and Collector (Private Conveyances)		1,88,154 9 11		
Through the Chief Accountant (Public Land Conveyances)		1,95,880 4 0		
		3,84,034 13 11		
TOLLS (through Traffic Manager, Port Trust)	2,834 14 0			
„ (through Contractors)	11,200 0 0			
		14,034 14 0		
			3,98,069 11 11	
TOWN DUTIES (Gross Collections)		26,11,337 5 5		
Less—Refunds		14,42,364 3 0		
			11,68,973 2 5	
LICENSES—				
(*a*) Taxes on Trades and Professions		77,480 0 0		
(*b*) Land Conveyance, Music, &c., Licenses (issued by the Commissioner of Police)—				
(1) Land Conveyance Licenses, &c.	16,550 2 0			
(2) Music and Miscellaneous Licenses	11,481 0 0			
		28,031 2 0		
			1,05,511 2 0	
LIQUOR LICENSES—Receipts from Government			1,43,750 0 0	
TOBACCO DUTY LICENSES—Receipts from Government (through Commissioner of Customs)			2,40,963 11 0	
HALALKHOR TAX—				
On value		6,58,878 8 2		
For special service		1,51,731 6 2		
			8,10,609 14 4	
WATER TAX AND OTHER MISCELLANEOUS WATER WORKS REVENUE—				
Water Tax (through Assessor and Collector)—				
On value Rs. 6,95,014 0 2				
On meter measurement „ 8,00,309 14 9				
Compounded Tax „ 26,693 15 6				
	15,22,017 14 5			
Water supplied to Municipal Departments	9,279 8 0			
Water charges recovered through Water Engineer	8,006 2 0			
	15,39,303 8 5			
Rent of Water Meters	23,374 10 6			
Miscellaneous	5,911 6 10			
		15,68,589 9 9		
Sale proceeds of and produce of lands		1,356 10 10		
Rent of land and buildings		1,620 0 0		
			15,71,566 4 7	
MARKET RECEIPTS—				
Stall Rents	1,54,720 4 6			
Squatters' Fees	35,151 11 9			
Fair-Ground and Feeding Fees from Contractors	31,625 0 0			
Miscellaneous	24,906 7 6			
		2,96,403 7 9		
Slaughter Fees		1,51,166 11 0		
Rent of land and buildings		5,498 0 0		
Sale proceeds of and produce of land		85 14 0		
			4,53,154 0 9	
Carried over.. Rs.			77,94,835 3 2	1,49,059 3

No. 13.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1904.

DISBURSEMENTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
GENERAL SUPERINTENDENCE—				
Standing Committee and Corporation Establishment		60,615 5 1		
Municipal Commissioner's Personal Office Establishment		56,649 1 0		
General Office Establishment		51,224 7 7		
Accounts and Expenditure Audit Establishment...		65,580 4 4		
			* 2,34,069 2 0	
ASSESSMENT AND COLLECTION DEPARTMENT—				
Property and Wheel Tax Establishment		† 1,57,425 7 1		
Town Duty Collection		82,128 0 1		
Licensing Establishment		27,723 7 7		
Revenue and Refund Audit Establishment		‡ 30,813 14 8		
		2,98,090 13 5		
TOLLS COLLECTION—				
Establishment under the Traffic Manager, Port Trust Bunders, and other charges		1,368 9 8		
			2,99,459 7 1	
FIRE BRIGADE		95,328 9 7		
Add—Interest on the Fire Brigade Loan of 4½ lakhs—Transferred from Interest on Loans, page 81		20,690 0 0	(a)	
			1,16,018 9 7	
MAINTENANCE OF PUBLIC GARDENS—				
(a) VICTORIA GARDENS—				
Maintenance		62,305 8 8		
New Works—				
Providing (50) additional benches in the Victoria Gardens		1,228 9 11		
(b) ELPHINSTONE CIRCLE GARDEN		998 0 3		
(c) FALKLAND ROAD GARDEN		261 10 3		
(d) NORTHBROOK GARDEN		984 11 1		
(e) SIR COWASJEE JEHANGIR GARDEN		385 0 2		
(f) BAZAAR GATE GARDEN		485 10 8		
(g) DICK'S TANK GARDEN		203 7 9		
(h) MALABAR HILL GARDEN		569 7 0		
			67,421 12 9	
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—				
I. GENERAL SUPERVISION and MISCELLANEOUS DUTIES		§ 60,710 0 0		
II. DRAINAGE—				
A. Miscellaneous Drainage	1,31,963 2 3			
B. Maintenance of Love Grove Pumping Station	1,04,763 4 6			
C. Maintenance of Sluices	3,374 12 3			
D. Maintenance of Pumping Station, Colaba (Shone System)	25,583 4 6			
E. Air Compressor Station at Love Grove (Shone System)	32,719 14 5			
		2,98,709 5 11		
III. WATER WORKS		2,24,871 14 0		
Public Works (Engineer's Department) continued and carried over Rs.		5,84,291 8 11		
Carried over Rs....			7,16,968 15 5	

* Of this, Rs. 29,238-10-3 are chargeable to Water Works Account.

† Do. Rs. 29,517-4-4 do. do.

§ Do. Rs. 15,722-11-10 do. do.

‡ Includes Rs. 14,716-2-1 on account of Town Duty Refund Establishment.

(a) Or Rs. 1,24,118-9-7 including the Sinking Fund Instalment of Rs. 8,100 included in the Sinking Fund payments aggregating Rs. 5,73,101-14-6 shown at page 87.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs			77,94,885 8 2	1,49,059 3 8
PUBLIC GARDENS—				
VICTORIA GARDENS—				
Sale Proceeds of Plants, Flowers, &c.		10,140 5 9		
Rent of Chawls from Malees, &c.		120 0 0		
Fees from Elephant rides		1,057 6 0		
Prize awarded for the best collection of rare plants, &c.		25 0 0		
			11,342 11 9	
TRAMWAY RENT			50,058 14 10	
MISCELLANEOUS FINES AND PENALTIES			14,608 11 4	
MISCELLANEOUS RECEIPTS—				
General Sales Account—				
Sale of Land	13,337 15 6			
Miscellaneous	4,308 1 11			
		17,646 1 5		
On Account of Health Department—				
Rent of Chawls, Reclamation Ground, Milch Cattle Stables and Dhobiwada	70,406 8 9			
Sale-proceeds of land and produce of land	6,500 0 0			
Sale of Bones, Manure and Cowdung Cakes, &c..... Rs. 2,281 0 0				
Cleaning Drains..... „ 1,966 11 7				
	4,247 11 7			
Miscellaneous	622 13 0			
		81,777 1 4		
On Account of Municipal Engineer's Dept.—				
Ground-rent on account of Telephone Lines ..... Rs. 1,431 14 4				
Other ground-rent..... „ 1,993 2 8				
	3,425 1 0			
Right of catching fish, cutting grass, collecting fruits, drawing toddy, &c.	4,800 13 7			
Miscellaneous	9,272 14 9			
		16,998 13 4		
Miscellaneous—				
Rent of Quarters belonging to the Corporation and occupied by the Police Dept.	14,940 1 0			
Do. do. by the Fire Brigade.....	3,600 0 0			
		18,540 1 0		
Sundries		3,444 7 1		
			1,38,406 8 2	
MISCELLANEOUS FEES			59,051 12 9	
MISCELLANEOUS SAVINGS			2,686 6 1	
CONTRIBUTION from Municipal Servants towards Pension, &c., Fund			22,786 8 8	
INTEREST on Investments of Surplus Loan and other Balances.....			1,35,912 13 5	
PROFIT on Municipal Workshops			16,168 6 8	
SALE PROCEEDS of Unserviceable Tools, Plant, &c.			3,354 5 10	
ACTUAL Profit on sale of Stores to Contractors			150 0 0	
INTEREST on the 5, 4 and 3½ per cent. Municipal Loans Sinking Fund Investments		1,94,351 14 5		
INTEREST on Municipal Buildings Fire Insurance Fund Investments	2,793 0 1			
INTEREST on the Investments of the Net Premia Fund	* 1,944 0 0			
INTEREST on the School Building Fund Investments	2,111 12 4			
INTEREST on the Worn-out Water Mains Renewal Fund Investments	21,416 3 7			
		28,265 1 0		
			2,22,616 15 5	
			84,71,944 6 1	
Premia received on the 4th and final Instalment of 3½ Lacs of the 24½ Lacs Loan			10,781 4 0	
				84,82,625 10 1
Carried over...Rs.				86,31,684 13 9

* Received on the Water Works portion of the Net Premia, &c., Fund.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1904—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			7,16,968 15 5	
PUBLIC WORKS (Engineer's Department)—*contd.* and brought forward ..... Rs.		5,84,291 3 11		
IV. STREETS AND BUILDINGS—				
A. Inspection and Supervision	33,156 14 9			
B. Public Lighting	2,70,118 7 9			
C. Road Watering	72,466 7 9			
D. Roads, Footpaths, &c.	4,19,459 7 5			
E. Improvement of Streets	1,13,420 11 1			
F. Miscellaneous—				
(1) Compensation to House-owners for insanitary buildings demolished ..... Rs. 153 4 10				
(2) Compensation to Municipal staff employed on extricating bodies of persons overwhelmed in the debris of fallen buildings, &c. ..... „ 206 7 10				
	359 12 8			
		9,58,381 13 5		
V.—Cleaning, Lighting, and Repairing Port Trust Wharves Roads		23,642 0 0		
			15,81,915 1 4	
NEW WORKS—				
DRAINAGE—				
Miscellaneous Drainage Works	16,471 12 10			
Putting up two sluices, one on the ovoid sewer and the other on the Frere Road drain near the head of the ovoid sewer at Carnac Road	1,627 0 1			
Diverting a portion of drain in Mangalwady Lane.	165 2 3			
Constructing 18" × 12" wooden chowki, a bench and a table in the compound of the Pedder Market	859 4 10			
Remodelling certain house gullies in Kamatipura	7,037 9 6			
Erecting one-seated latrine at Foras Road Drainage Chowki	40 3 9			
	26,201 1 3			
Covering the existing roof of the Engine house at Love Grove with ¾" teak planking and dammering	1,848 3 8			
		27,649 4 11		
WATER WORKS—				
Raising water service pipes from gullies	848 4 11			
Asphalting filters Nos. 3, 4 and 6 at Bhandarwada	4,678 9 7			
Buttressing portions of the Tansa Duct at Bhandup.	284 4 7			
Strengthening and regirdering certain culverts over water mains passing through the B. B. & C. I. Railway lands	9,626 0 0			
Enlarging sluice-house near Coorla Railway Station	120 0 11			
Providing 36 ventilating pipes over the roof of the settling tank at the Malabar Hill Reservoir and of painting the roof white	1,042 9 7			
Boarding over the well in the rear of the Anjuman Islam School	450 7 9			
		*16,890 5 4		
New Works—*continued* and carried over... Rs.		44,439 10 3		
Carried over... Rs.			22,98,884 0 9	

* Chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				86,31,684 13 9
Carried over...Rs.				86,31,684 13 9

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1904—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			22,98,884 0 9	
NEW WORKS—*contd.* and brought forward ..... Rs.		44,439 10 8		
SANITARY AND OTHER MISCELLANEOUS WORKS—				
Latrines and Urinals	12,922 0 2			
New Latrines at Walkeshwar	1,128 6 8			
Paving cab-stands	5,419 7 1			
Conversion of the existing night-soil collecting depôt situated between Khoja and Chimna Butcher Streets into night-soil hopper station	1,071 13 4			
Laying 9" pipe drain in the passage between the Colaba Fire Brigade Station and the Market, and executing other works in connection therewith ...	458 10 7			
Filling in Haines Road Cemetery	987 8 0			
Constructing latrines, &c., at Parbhadevi for the Halalkhores of the Health Department	120 5 8			
Paving a dust-bin stand at Bhuleshwar	97 11 1			
Enclosing by a fence the ground acquired in Stable Street, Kamatipura	122 14 2			
Providing a screen wall in front of the Municipal ground at Upper Duncan Road	92 8 10			
Draining of the urinal at Jail Road North	77 12 7			
	21,949 2 2			
Rs. a. p.				
Providing and fixing galvanized weather frames to verandahs of the Health Dept. quarters at Chimbur ... 33 13 2				
Constructing a tank in the compound of Pakon Road Biggaries' chawl ... 120 3 5				
Laying 6" pipe line and building two inspection chambers at the Bhungies' chawl in Baklaji Street 135 10 10				
Drainage work at the Health Department stables at Dadar 116 7 9				
	406 3 2			
Construction of a small length of branch road, leading from approach road to night-soil depôt on the Flats	49 5 2			
Rs. a. p.				
Renewing the corrugated iron sheets over the roof of the Arthur Crawford Fruit and Vegetable Markets 5,105 0 0				
Levelling and metalling the fair ground at the Bandora Slaughter Houses ... 7,618 0 4				
Constructing a storm-water drain in the Bandora Slaughter-Houses yard. 424 0 6				
Paving the compound of the DeLisle Road Sheep Market 2,057 11 3				
	15,204 12 1			
Purchase of a new lathe for the Workshops (9" centre siding, surfacing and screw cutting lathe)	1,747 0 0	39,406 6 7	83,846 0 10	
Carried over ... Rs.			23,82,730 1 7	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and. brought forward ..... Rs.				86,31,684 13 9
Carried over ... Rs.				86,31,684 13 9

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1904—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ....Rs.			23,82,730 1 7	
PUBLIC HEALTH DEPARTMENT—				
I. General Supervision		22,792 8 1		
II. Conservancy Branch—				
Veterinary Establishment	6,915 4 9			
Other Conservancy Charges	15,34,477 12 4			
		15,41,393 1 1		
III. Markets and Slaughter-Houses Establishment		1,52,745 8 11		
IV. Registration of Births and Deaths		86,926 12 3		
V. Cemeteries		9,196 15 4		
VI. Laboratory		8,736 13 7		
VII. Mahaluxmi Dhobiwada		14,794 10 2		
VIII. Infectious Diseases		45,058 15 9		
IX. Milch-Cattle Stables and Rooms		6,113 15 6		
X. Tank Conservancy		5,364 4 1		
XI. Rustomji Jamshedji Dharamshala, Falkland Road		301 1 7		
XII. Vaccination (Contribution to Government)		16,849 2 3		
			19,79,373 12 7	
POLICE CHARGES—				
Contribution towards the cost of Police		5,00,000 0 0		
Alterations in the three rooms belonging to the Municipality at the back of the Pydhoni Police Station		381 6 0		
			5,00,381 6 0	
EDUCATION—				
Victoria and Albert Museum		9,820 1 6		
Other Institutions		1,03,037 9 9		
			1,12,857 11 3	
HOSPITALS, &c.			54,625 3 1	
CONTRIBUTION to the City Improvement Trust			3,50,000 0 0	
PENSIONS, &c.			57,486 13 11	
MISCELLANEOUS—				
Discretional Contingencies		6,897 14 2		
Auditors' Allowance		8,750 0 0		
Election Expenses		9,865 0 3		
Cost of illuminating the address and of a casket sent to His most Gracious Majesty King Edward VII. on the occasion of His Majesty's Coronation		10 0 0		
Purchase of Survey Sheets		465 0 0		
Loss on account of private works irrecoverable bills written off		* 31 12 4		
Cost of illuminating the address of welcome presented by the Corporation to the Right Honble Baron Lamington on his arrival in Bombay and of a silver casket to hold the same		725 0 0		
		26,844 10 9		
Less—				
Amount received from the Committee on account of the unexpended balance of the contribution made by the Municipality towards the cost of Coronation Celebrations held in Bombay in 1903		3,620 0 2	23,224 10 7	
Carried over ...Rs.			54,60,679 11 0	

* Chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				86,31,684 13 9
Carried over...Rs.				86,31,684 13 9

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1904—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ...Rs.			54,60,679 11 0	
INTEREST ON LOANS		22,54,867 0 7		
Less—Shown under Fire Brigade (page 73)		20,690 0 0		
			* 22,34,177 0 7	
CHARGES ON ACCOUNT OF LOANS			† 8,980 2 10	
STAMP, &c., CHARGES in connection with the raising of the 4th and final instalment of 3¾ Lakhs of the 24¾ Lakhs Loan for Sewerage and Water Works (met out of the Premia received on the instalment)			1,911 8 1	
				77,05,748 [illegible]6 6
PAID OUT OF THE NET PREMIA FUND—				
Stamp, &c., charges in connection with the raising of the 4th and final instalment of 3¾ Lakhs of the 4 per cent. 24¾ Lakhs Loan for certain Sewerage and Water Works				29 [illegible]4 0
LOAN WORKS—				
DRAINAGE—				
Executed out of the Loan of Rs. 25 Lakhs for Sewerage, Water and other Sanitary Works—				
Machinery for the sewerage of the Parel, the Mazagon, &c., Sectional Districts		5,500 0 0		
Executed out of the 19¼ Lakhs Loan—				
Low-Level Channel from the Tardeo Flats to Worli Point	2,06,052 4 5			
Storm-water Drain in Tardeo Road	2,148 6 9			
Improvements in existing side drains along Bhoiwada Cross Road and new side drains along portions of Dadar Road and improvements in the water-course from Dadar Road	4,968 9 1			
		2,13,169 4 3		
Executed out of 24¾ Lakhs Loan—				
Sewerage of the Fergusson Road and Chinchpokli District (Sectional)	17,729 13 1			
Sewerage of the Parel District (Sectional)	60,038 5 2			
Completion of house drainage connections in different parts of the City	72,631 3 8			
		1,50,399 5 11		
Executed out of savings on different Loans—				
Tidal flaps on flushing drains for ovoid sewers	707 2 1			
Surface drain in Queen's Road between the level-crossing and Charni Road	1,372 9 0			
Open ovoid drain in the east side of DeLisle Road	177 12 3			
Executed out of savings on different Loans—*contd.* and carried over...Rs.	2,257 7 4			
Loan Works—Drainage—*contd.* and carried over...Rs.		3,69,068 10 2		
Carried over...Rs.				77,05,777 10 6

* Includes Rs. 12,01,269-6-3 chargeable to Water Works Account.

† Of this, Rs. 4,392-2-4 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				86,31,684 13 9
Carried over...Rs				86,31,684 13 9

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1904—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				77,05,777 10 6
LOAN WORKS—DRAINAGE—*contd.* and brought forward ..... Rs.		3,69,068 10 2		
Executed out of savings on different Loans—*contd.* and brought forward ..... Rs.	2,257 7 4			
Zinc vent shafts on pipe sewers in the Fort Sewerage District	6,719 18 0			
Construction of permanent manholes over drains	6,126 5 7			
Masonry side drains at Malabar Hill from Gowalia Tank Road to Government House.	581 4 11			
Storm-water drain running on the west of the G. I. P. Ry Dadar Station	159 8 0			
Ovoiding and regrading the open Road side drains in Umerkhadi Road	3,119 0 11			
Ovoiding kutcha drain in Arthur Road as far as G. I. P. Ry. crossing	136 6 0			
Ovoiding and regrading the side drain in Imamwada from Parel Road to Jail Road North..	2,030 4 4			
Slab drain 18″ × 18″ in Store Lane and Homji Street	1,521 14 2			
Ovoiding side drains to the north of Kalachowki Road	67 4 0			
Storm-water drains in part of Gilder Street and Foras Road and from Grant Road to Falkland Road	10,781 14 10			
Filling in Gilder Tank	166 9 0			
		38,667 12 1		
Advanced from Surplus Balances—				
(7) Catch-pits on ovoid sewers	10,612 7 8			
Sewerage of the Malabar Hill District Sectional	7,969 6 7			
Fees to Mr. Midgley Taylor on account of his report on ejectors, &c., required for Sectional Districts	1,961 1 4			
		20,542 15 7		
		4,28,279 5 10		
Less—Credits—				
Advanced from Surplus Balances—				
(17) Catch-pits on pipe sewers		2,388 7 8	4,20,890 14 2	
WATER WORKS—				
Executed out of the 15¾ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loan—				
Improvement of the Outlet Towers at Vehar and Tulsi		4,081 11 4		
Executed out of savings on different Loans—				
9″ main in DeLisle Road	3,787 4 11			
4″ main in Khara Talao	276 0 7			
15″ Water main from 24″ main in Bhoiwada to Elphinstone Road as far as new Parbhadevi Road and thence a 9″ main to the Century Mill...	40,709 2 5			
		49,772 7 11		
Advanced from Surplus Balances—				
Construction of additional filters at the Malabar Hill Reservoir	33,883 1 6			
Water mains in connection with the City Improvement Schemes—				
Mains in 1st Nagpada Scheme	43 9 0			
		33,926 10 6	87,780 18 9	
Loan Works—*contd.* and carried over... Rs.			5,08,671 11 11	
Carried over... Rs.				77,05,777 10 6

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				86,31,684 13 9
Carried over... Rs.				86,31,684 13 9

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1904—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				77,05,777 10 6
LOAN WORKS—*continued* & brought forward.....Rs.			5,08,671 11 11	
ROADS—				
Executed out of the 35 Lakhs various Sanitary Works Loan—				
Roads and Streets in Agripada and elsewhere..		930 13 0		
Executed out of 15¾ Lakhs Loan—				
Wari Bunder Road		194 6 6		
Executed out of savings on different Loans—				
Acquisition of land at different places as sites for new roads, &c.		369 0 0		
Advanced from Surplus Balances—				
Acquisition of the property of Mr. Karimbhoy Joomabhoy at Fergusson Road near the B.B. & C. I. Railway DeLisle Road Level Crossing ...	387 5 2			
Acquisition of land at Gola Lane	279 7 0			
Purchase of land at Cavel Street in connection with a new street at Cavel	1,546 0 0			
Purchase of land in connection with the over-bridge at Fergusson and DeLisle Roads.....	7,010 13 10			
		9,223 10 0		
		10,717 13 6		
Less—Credits—				
35 Lakhs Loan—				
Roads and Streets in Agripada and elsewhere	3,000 0 0			
15¾ Lakhs Loan—				
Wari Bunder Road	1,300 0 0			
Advanced from Surplus Balances—				
Acquisition of the property of Mr. Karimbhoy Joomabhoy at Fergusson Road near the B. B. & C. I. Railway DeLisle Road Level Crossing ..... Rs. 1,914 0 0				
Acquisition of land at Gola Lane ... „ 285 0 0				
	2,199 0 0			
		6,499 0 0		
			4,218 13 6	
MARKETS—				
Executed out of savings on different Loans—				
Market at Curry Road			3,212 6 1	
MISCELLANEOUS WORKS—				
Executed out of 35 Lakhs various Sanitary Works Loan—				
Health Department Bullock Stables and Quarters for Scavengers.....		51,690 2 0		
Executed out of the 25 Lakhs Loan for Sewerage, Water and other Sanitary Works—				
Purchase of land in Narielwadi for future extension of burial-ground thereat		17,761 12 9		
Executed out of the Loan of 19¼ Lakhs—				
Purchase of two sites of land required for burning and burial grounds at Mahim and Worli (including cost of enclosure walls)	5,635 4 0			
Extra cost of the scheme for the disposal of Town Sweepings at Chimbur	29,270 14 7			
		34,906 2 7		
Executed out of savings on different Loans—				
Latrines at Colaba	4,879 6 7			
20 additional wagods for the disposal of Town Sweepings	16,630 12 0			
Constructing quarters for Lashars, &c., at Gowalia Tank Fire Brigade Station	3,410 0 11			
		25,120 3 6		
		1,29,478 4 10		
Less—Credits—				
19¼ Lakhs Loan—				
Purchase of Government land for the Site of the Nusservanji M. Petit Public Hall		59 0 0		
			1,29,419 4 10	
Loan Works—*contd.* and carried over... Rs.			6,45,522 4 4	
Carried over...Rs.				77,05,777 10 6

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs				86,31,684 13 9
PLAGUE CHARGES—				
Plague Charges payable out of Loan Funds—written off by debit to Plague Expenditure Suspense Adjustment Account				2,43,888 4 5
DEBT—				
Loan of Rs. 24½ Lakhs for Sewerage and Water Works (4th and final Instalment)				3,75,000 0 0
ADVANCES—				
(a)—CASH ADVANCES TO MUNICIPAL AND PLAGUE OFFICERS—				
Municipal Officers		62,058 12 2		
Plague Officers.....		260 13 0		
			62,319 9 2	
(b)—INTER-DEPARTMENTAL CHARGES—				
Workshops (Private & Departmental Works) ...		1,45,840 12 7		
Private Works (Engineer's Department)		64,465 7 3		
Departmental Works (do.).....		1,32,051 3 11		
			3,42,357 7 9	
(c)—ADVANCES TO CONTRACTORS			56,931 0 8	
(d)—MISCELLANEOUS			1,496 12 6	
(e)—RESERVE STOCK—				
Engineer, Drainage		2,49,969 7 1		
Do. Executive		26,373 2 4		
Do. Water Works		3,04,754 5 10		
General Stock		99,217 12 1		
Plague Stores		28,056 8 0		
		7,08,371 3 4		
Reserve Stock—Current Suspense Account (General Stock)		877 5 10		
Stock Adjustment Account		16,545 16 10		
			7,20,794 4 0	
				11,83,899 1 8
DEPOSITS—				
(a)—BANK OF BOMBAY ON ACCOUNT OF CONTRACTORS', &C., PAPER DEPOSIT			1,15,200 0 0	
(b)—SURPLUS FUND INVESTMENTS—				
Paper Deposit		5,60,492 14 0		
Cash Deposit		41,689 14 0		
Current Account Deposit		15,28,250 10 10		
Fixed Deposit		23,77,466 2 4		
			45,07,899 9 2	
Deposits—*contd.* and carried over ...Rs.			46,23,099 9 2	
Carried over...Rs.				1,04,84,472 3 10

1877

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1904—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				77,05,777 10 6
LOAN WORKS—*contd.* and brought forward			6,45,522 4 4	
PLAGUE CHARGES			2,43,888 4 5	
				8,89,410 8 9
				85,95,188 3 3
PLAGUE EXPENDITURE SUSPENSE ADJUSTMENT ACCOUNT				2,43,888 4 5
DEBT—				
REPAYMENT—				
Vehar Debt		15,904 10 10		
Drainage Loan of 1878		94,500 0 0		
			1,10,404 10 10	
INVESTMENT OF SINKING FUND AND OF INTEREST ACCRUED THEREON—				
Sinking Fund Instalments		3,78,750 0 0		
Interest realizations		1,94,351 14 5		
			5,73,101 14 5	
				* 6,83,506 9 3
ADVANCES—				
(*a*)—CASH ADVANCES TO MUNICIPAL AND PLAGUE OFFICERS—				
Municipal Officers		55,554 3 8		
Plague Officers		290 13 0		
			55,845 0 8	
(*b*)—INTER-DEPARTMENTAL CHARGES—				
Workshops (Private & Departmental Works) ...		1,43,262 3 6		
Private Works (Engineer's and Health Departments)		34,655 2 11		
Departmental Works (Engineer's Department).		1,30,904 2 3		
			3,08,821 8 8	
(*c*)—ADVANCES TO CONTRACTORS			55,689 5 4	
(*d*)—MISCELLANEOUS			11,539 3 2	
(*e*)—RESERVE STOCK—				
Engineer, Drainage		48,459 10 6		
Do. Executive		39,377 9 8		
Do. Water Works		1,09,898 0 7		
General Stock		95,096 7 8		
Parel Stores, Plague		31,379 13 9		
		3,24,211 10 2		
Stock Adjustment Account		4,911 12 7		
Surplus and Obsolete Stores		4,02,258 6 9		
Stock Adjustment Account—Surplus and Obsolete Stores (Water Works)		5,602 12 8		
			7,36,084 10 2	
				11,67,979 12 0
DEPOSITS—				
(*a*)—BANK OF BOMBAY ON ACCOUNT OF CONTRACTORS', &C., PAPER DEPOSIT			1,19,500 0 0	
(*b*)—SURPLUS FUNDS INVESTMENTS—				
Paper Deposit		2,03,000 0 0		
Cash Deposit		41,689 14 0		
Current Account Deposit		15,72,733 2 5		
Fixed Deposit		31,03,000 0 0		
			49,20,423 0 5	
Deposits—*continued* and carried over... Rs.			50,39,923 0 5	
Carried over... Rs.				1,06,90,562 12 11

* Of this, Rs. 1,65,896-7-1 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				1,04,34,472 8 10
DEPOSITS—*contd.* and brought forward ..... Rs.			46,23,099 9 2	
(c)—LOAN FUNDS—				
Paper Deposit		.....		
Cash Deposit		73,556 3 0		
Current Account Deposit		18,93,727 11 10		
Fixed Deposit		54,72,533 13 8	74,39,917 12 6	
(d)—RESERVE FUNDS—				
1—Municipal Buildings Fire Insurance Fund—Cash Deposit		3,086 8 11		
2—Worn-out Water Mains Renewal Fund—Cash Deposit		21,484 6 5		
3—Net Premia, &c., Fund—Cash Deposit		10,689 14 0		
4—School Building Fund—				
Cash Deposit		2,051 8 8	37,316 6 0	
			1,21,00,333 11 8	
Deposits from Contractors, &c.—				
In Cash— Rs. a. p.				
(a) From Contractors 2,66,527 7 2				
(b) „ private parties received through Departmental Officers 70,647 3 4				
(c) Other Deposits 1,07,485 7 1	4,44,660 1 7			
In Government Paper kept in Office	38,400 0 0			
In Government Paper lodged at the Bank of Bombay	1,19,500 0 0			
On account of work performed for private parties ..	731 11 4	6,03,291 12 11		
Government of Bombay on account of Income Tax		27,829 12 11	6,31,121 9 10	
Contribution from the G. I. P. Railway towards the cost of removal of the 32" Vehar Main from within the Railway limits between Coorla and Clarke Road			74,000 0 0	
CHEQUES PAYABLE			1,84,12,409 6 6	3,12,17,864 12 0
			Total Rs.	4,16,52,336 15 10

W. E. WAITE,
Chief Accountant.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1904—*concld.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				1,06,90,562 12 11
DEPOSITS—*contd.* and brought forward ..... Rs.			50,39,923 0 5	
(c)—LOAN FUNDS—				
Paper Deposit		3,05,500 0 0		
Cash Deposit		73,500 0 0		
Current Account Deposit		17,61,548 10 10		
Fixed Deposit		45,47,000 0 0		
			66,87,548 10 10	
(d)—RESERVE FUNDS—				
1—Municipal Buildings Fire Insurance Fund—				
Paper Deposit	7,614 6 0			
Cash Deposit	3,265 3 0			
		(a) 10,879 9 0		
2—Worn-out Water Mains Renewal Fund—				
Paper Deposit	21,301 4 0			
Cash Deposit	21,603 6 0			
		(b) 42,904 10 0		
3—Net Premia, &c., Fund—				
Paper Deposit	10,703 2 0			
Cash Deposit	10,771 3 11			
		(c) 21,474 5 11		
4—School Building Fund—				
Paper Deposit	2,030 0 0			
Cash Deposit	2,133 6 0			
		(d) 4,163 6 0		
			79,421 14 11	
			1,18,06,893 10 2	
Deposits from Contractors, &c.,—				
In Cash—				
(a) From Contractors ..... Rs. 2,25,999 6 1				
(b) „ private parties received through Departmental Officers ... „ 65,087 2 5				
(c) Other Cash Deposits... „ 91,595 8 5				
	3,82,682 0 11			
In Government Paper kept in Office	39,400 0 0			
Do. do. lodged at the Bank of Bombay	1,15,200 0 0			
On account of work performed for private parties	6,369 4 1			
		5,43,651 5 0		
Government of Bombay on account of Income Tax		27,727 7 7		
			5,71,378 12 7	
CHEQUES PAYABLE			1,83,78,573 8 2	
				3,07,51,845 14 11
				4,14,42,408 13 10
Cash Balance (in Bank and Office Treasuries) on 31st March 1904 ...				2,09,928 4 0
			Total ... Rs.	4,16,52,336 15 10

(a)—Total Debits	Rs. a. p. 10,879 9 0	Rs. a. p.	
Less—Withdrawals as per contra to meet the cost of Securities purchased	3,086 8 11		
Net payment during the year ...		7,793 0 1	
(b)—Total Debits	42,904 10 0		
Less—Withdrawals as per contra to meet the cost of Securities purchased	21,488 6 5		
Net payment during the year ...		21,416 3 7	
(c)—Total Debits	21,474 5 11		
Less—Balance of Premia received on the final instalment of 3½ Lakhs, of the 24½ Lakhs Loan, invested during the year	3,869 11 11		
	12,604 10 0		
Less—Withdrawals as per contra to meet the cost of Securities purchased (Rs. 10,689-14-0—Rs. 29-4-0 as per page 81)	10,660 10 0		
Net payment during the year ...		1,944 0 0	
(d)—Total Debits	4,163 6 0		
Less—Withdrawals as per contra to meet the cost of Securities purchased	2,051 8 8		
Net payment during the year ...		2,111 13 4	
		Total Rs. 33,265 1 0	(*vide* page 45)

W. L. HARVEY,
Municipal Commissioner.

REVENUE.

Report on the working of the Assessment and Collection Department for the year 1903-04 by Mr. B. D. Banaji, Assessor and Collector, forwarded with his letter No. 16408, dated 14th July 1904.

1. The total collected under all heads, exclusive of Miscellaneous Receipts, Fees, &c., was Rs. 54,46,544-11-10 against the estimate of Rs. 51,62,015, a difference of Rs. 2,84,530 detailed as under :—

Taxes.	Estimate.	Actual Collections including Adjustments.	Increase.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
General	27,41,000 0 0	29,04,657 0 0	1,63,657 0 0
*Water	14,64,740 0 0	15,35,753 0 0	71,013 0 0
Halalkhor	7,79,000 0 0	8,17,112 0 0	38,112 0 0
Wheel	1,77,275 0 0	1,89,023 0 0	11,748 0 0
Total ...	51,62,015 0 0	54,46,545 0 0	2,84,530 0 0

* Exclusive of Meter Hire and Receipts by the Deputy Executive Engineer, Water Works.

2. As compared with the total collections for 1902-1903, *viz.*, Rs. 51,64,459, the collections for 1903-1904, *viz.*, Rs. 54,46,545 are more by Rs. 2,82,086.

3. On the 31st March 1904 the outstandings for Property Taxes, charges for Water by Meter and Wheel Tax (private) were Rs. 3,18,215 against Rs. 1,98,036 on 31st March 1903, of which Rs. 2,00,458 have been collected or adjusted up to 9th July 1904, leaving at that date Rs. 1,17,757 for recovery for all previous years. In this sum of Rs. 1,17,757, Rs. 1,00,684 are in dispute on account of Valuations, Water-supply by Meter, &c., and Rs. 480 are to be adjusted departmentally, whilst Rs. 117 are irrecoverable.

4. Properties in the Assessment Book were on 31st March 1904 :—

	Rs.
Buildings	35,431
Salt-pans	84
Lands including tanks and wells	19,701
Rs. ...	55,216

of which 42,331 were assessed for the General Tax, 4,868 were exempted under Section 143 (1) (*a*) of the Municipal Act, and 3,017 were not charged the tax, being small plots of waste lands, houses marked "Unfit for Human Habitation," the assessments of which were temporarily reduced to a nominal value of Rs. 6, for which no bills were issued.

5. The number of new buildings erected and of buildings demolished or enlarged in 1903-1904 was 760, 491 and 485 respectively.

6. The assessments of properties contrasted with those of 1902-1903 were :—

Years.	Original Assessment (Gross)	Amount after disposal of complaints.		Amount of subsequent reduction during the year by demolitions and on complaints.	Gross amount after deduction of subsequent reduction.	Subsequent enhancement (New buildings, enlargements and under assessments) Gross.	Total Gross Assessment.	Increase, Final difference over preceding years' Gross Assessment.	Rateable Assessment.	Classification of rateable assessment.			
		No. of complaints against opening Assessment.	Gross Assessment.							Chargeable with General Tax.	Exempt from General Tax, Section 143 (1) (a) (b).	For which no General Tax bills issued.	Total Rateable Assessment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1902-1903	3,14,15,858	2,182	3,13,45,412	5,10,966	3,08,34,446	10,56,954	3,18,91,400	79,775	2,87,13,672	2,68,15,493	18,80,848	17,331	2,87,13,672
1903-1904	3,25,17,624	3,269	3,25,91,399	10,93,752	3,14,97,647	29,51,952	3,44,49,599	* 25,58,199	3,10,16,244	2,91,17,518	18,81,471	17,255	3,10,16,244

* This increase is due to under-assessments, rise in rents, erection of new buildings and enlargements.

7. There were 3,269 complaints against the assessments made from 1st April, and 3,313 against the assessments made during the currency of the year, total 6,582 complaints.

8. The following tables give the increases and decreases in property taxes levied, as compared with those of 1902-1903 :—

General Tax.

1902-1903.				1903-1904.				Increase—Difference between columns 4 and 8.
10½ per cent.	Compounded sum payable by Government under Section 144 (3).	Compounded sum payable by the Port Trustees under Section 145(3).	Total of columns 1, 2 and 3.	10½ per cent.	Compounded sum payable by Government under Section 144 (3).	Compounded sum payable by the Port Trustees under Section 145 (3).	Total of columns 5, 6 and 7.	
1	2	3	4	5	6	7	8	9
Rs. a. p. 24,83,653 0 4	Rs. a. p. 1,34,814 12 0	Rs. a. p. 1,98,826 0 0	Rs. a. p. 28,15,293 12 4	Rs. a. p. 27,03,917 11 10	Rs. a. p. 1,32,814 12 0	Rs. a. p. *2,30,607 0 0	Rs. a. p. 30,67,339 7 10	Rs. a. p. 2,42,045 11 6

* The Port Trustees paid Rs. 2,34,847 according to the award for 5 years ended 31st March 1904, as under (for 1899-1900 Rs. 4,386, for 1900-1901 Rs. 4,386, for 1901-1902 Rs. 6,105, *less* Rs. 637 over paid for the year 1902-1903, and for 1903 1904 Rs. 2,20,607).

9. The amount of General Tax on properties exempted from its payment under Section 143 (1) (*a*) (*b*) is Rs. 1,99,316 against Rs. 1,99,596 in 1902-1903.

Water Tax.

1902-03.				1903-04.				Difference.			
On rateable value.	Compounded.	On meter measurement.	Total of columns 1, 2 and 3.	On rateable value.	Compounded.	On meter measurement.	Total of columns 5, 6 and 7.	Increase on rateable value.	Increase on compounded.	Increase on meter measurement.	Total Increase.
1	2	3	4	5	6	7	8	9	10	11	12
Rs. a. p. 6,41,804 3 1	Rs. a. p. 29,228 14 9	Rs. a. p. 7,85,106 4 0	Rs. a. p. 14,58,689 5 10	Rs. a. p. 7,28,739 5 6	Rs. a. p. 30,142 12 2	Rs. a. p. 8,14,124 3 3	Rs. a. p. 15,73,006 4 11	Rs. a. p. 87,435 2 5	Rs. a. p. 913 13 5	Rs. a. p. 26,017 15 3	Rs. a. p. 1,14,366 15 1

Halalkhor Tax.

1902-1903.			1903-1904.			Increase—Difference between columns 3 and 6.
On rateable value.	On special service.	Total.	On rateable value.	On special service.	Total.	
1	2	3	4	5	6	7
Rs. a. p. 6,22,651 7 10	Rs. a. p. 1,56,166 13 4	Rs. a. p. 7,78,818 5 2	Rs. a. p. 6,83,074 8 1	Rs. a. p. 1,55,902 4 8	Rs. a. p. 8,37,976 13 9	Rs. a. p. 59,158 7 7

10. The total demand on account of Property Taxes amounted to Rs. 54,68,322-9-6 (including Government and Port Trust), to which is to be added Rs. 29,293-15-4 demand on account of previous years, making a total of Rs. 54,97,616-8-10, from which sum Rs. 76,631-8-8 were allowed as 1-5th drawback on the General Tax under Section 158 (2) of the Act, the number of claims being 15,553.

11. For these taxes, 421 bills for Rs. 29,293-15-4 were issued for previous years and for 1903-1904, 89,700 bills for Rs. 50,38,269-4-10 (excluding Government and Port Trust, for which no bills are issued, the amounts being paid direct into the Chief Accountant's Office), a total of 90,121 bills for Rs. 50,67,563-4-2.

12. The outstanding balance for Property Taxes for all years on 31st March 1903 was Rs. 1,87,691-0-0; during 1903-1904, bills for these taxes amounting to Rs. 50,67,563-4-2 were issued. Government and the Port Trust paid Rs. 3,53,421-12-0 (Rs. 1,32,814-12-0 and Rs. 2,20,607-0-0), making a total of Rs. 56,08,676-0-2.

13. Of this amount Rs. 56,08,676-0-2 were collected, *viz.*, Rs. 1,55,859-8-5 for former years and Rs. 54,01,662-4-6 for 1903-1904, leaving uncollected Rs. 3,51,154-3-3, from which the following sums are to be deducted :—

Rs. 137-4-3 written off by the Standing Committee's Resolutions Nos. $\frac{775}{27-3-1903}$, $\frac{1692}{29-7-1903}$, $\frac{2141}{18-11-1903}$, $\frac{4110}{27-1-1904}$ and Rs. 43,965-8-4 on account of bills cancelled, amended bills being issued, total Rs. 44,102-12-7.

14. The outstandings on 31st March 1904 were Rs. 17,022-10-4 on account of former years, and Rs. 2,90,028-12-4 for 1903-1904, Total Rs. 3,07,051-6-8.

15. Tax on *Vehicles* and *Animals*.—The demand on account of the tax on private vehicles and animals for the four quarters ended 31st December 1903 was Rs. 1,91,666-14-0 against Rs. 1,79,951-15-0 for 1902; to the first sum are to be added Rs. 10,345-3-0 outstanding on the 31st March 1903, and Rs. 1445-9-0 charges for former years, a total of Rs. 2,03,457-10-0 for recovery, 18,092 bills were issued and the amount collected was Rs. 1,89,022-14-11, leaving Rs. 14,434-11-1 uncollected, of which Rs. 232-11-0 were written off under the Standing Committee's Resolutions quoted in para. 13; Rs. 3,037-12-0 were on bills recalled, amended bills being issued, making a total of Rs. 3,270-7-0 which, deducted from Rs. 14,434-11-1, leaves Rs. 11,164-4-1 outstanding at the end of the year.

16. During the year there were taxed 3,768 four-wheeled vehicles (including 5 motor cars), 1,149 two-wheeled vehicles, 641 vehicles not drawn by horses, 1,369 cycles, 5,584 horses (including those in commission stables), 253 ponies, 1,471 bullocks, 6 donkeys and 6 mules.

17. The following table shows the total demands, collections and balances on account of Property Taxes and tax on private vehicles and animals :—

Year.	Amount to be collected.			Bills written off under Standing Committee's Resolutions and bills recalled for amendment.	Collections.	Outstanding Balance on 31st March 1904.
	Opening Outstanding Balance.	Demand assessed for the year and for former years.	Total.			
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1903-1904	1,93,036 3 0	56,14,091 7 2	58,13,133 10 2	47,373 3 7	54,46,544 11 10	3,18,215 10 9

18. The miscellaneous receipts for notices, warrants and bataki fees and other small items amounted to Rs. 5,872-13-2 against Rs. 6,422-14-5 in 1902-1903. The receipts for motor hire were Rs. 22,509-4-2 against Rs. 19,595-5-10 for 1902-1903.

19. Certificates of Refund for Taxes were issued as under for 1903-1904 and for former years :—

	Rs.	a.	p.
General Tax	16,368	2	3
Water Tax	4,802	15	9
Halalkhor Tax	7,922	3	2
Wheel Tax	14	2	3
Total Rs....	29,107	7	5

20. There were 123 appeals to the Chief Judge of the Small Causes Court, of which 1 was allowed, 2 were dismissed, 115 were settled by consent, and 5 were pending.

B. D. BANAJI,
Assessor and Collector.

No. 1499 OF 1904-1905.

BOMBAY MUNICIPALITY, 21*st June* 1904.

FROM THE REVENUE AND REFUND AUDIT OFFICER,

To W. L. HARVEY, ESQ., C.I.E., I.C.S., Municipal Commissioner for the City of Bombay.

SIR,—I have the honor to submit the Annual *Administration Report of the Revenue and* Refund Audit Department for the *Official year 1903-1904. I resumed charge of my appoint*ment as Revenue and Refund *Audit Officer from the 8th January 1904, the unexpired portion* of my 2 years' furlough having been cancelled. *From the beginning* of the year up to the above mentioned date Mr. Sorabji Bomanji Master was acting.

1. REVENUE AUDIT.

I.—ASSESSOR AND COLLECTOR'S DEPARTMENT.

(*a*) *Ward Office.*

2. The balances and books of the 65 ward clerks in the seven wards of the City were duly examined at the end of each quarter. The amount of Audit work done on each of these occasions is shown in detail in Appendix A.

3. The 64,719 bills for Rs. 31,57,087-10-1 were duly checked in detail with the Ward Office Bill Book (every entry in which was subjected to scrutiny), and in totals, which were themselves tested with the book, kept under para. 9 at page 155 of the Manual, which is practically the ward clerk's ledger. They were also checked with the Head Office Accounts (Forms 8 and 9) both in detail and in totals, respectively.

(*b*) *Head Office.*

4. The Assessment Book in both its parts, one for the General Tax and the other for the Water and Halalkhore Taxes was duly examined, and the exemptions from the payment of the General Tax, the Water Tax and the Halalkhore Tax were duly checked with a view to ascertain that no property liable to pay any or all of these taxes had escaped assessment.

5. The Vehicle and Animal Tax Book, kept under Section 186 of the Act, was also examined, and all the entries therein checked with the quarterly returns of the Ward Superintendents, where necessary also with the owner's returns under Section 187, and with the charges made for the preceding quarters. Appendix B gives the details for each ward.

6. As the year recognised by the Bombay Act, VI of 1863, is the calendar year, the Revenue from the Tax on Public Land Conveyances, licensed by the Commissioner of Police under that Act, was also audited for the twelve months, from 1st January to 31st December 1903, the certificates of issue of licenses supplied by that officer under arrangements made with him having been duly checked with the Register kept by the Chief Accountant. The following table shows the work done :—

Description of Public Land Conveyance.	Number of Certificates or Vouchers.	Amount of Revenue, including fees for Licenses, Badges, &c.
		Rs. a. p.
Victorias	2,687	24,667 3 4
Riding Hackerias	502	4,584 0 0
Labour Carts	9,167	1,17,471 3 4
Total ...	12,356	1,96,722 6 8

7. Appendix C shows the number of claims to one-fifth drawback under Section 158 (2) of the Act, which were scrutinized by this Office during 1903-1904.

8. The alteration in value and in demand made through the increase and decrease Forms 11, 11 A, and 11 B, were duly checked with the authority for such alterations as contained in your orders in the Tabulated Ward Report (Form 13) and in separate sanctions recorded in the Audit Note Books kept in this Office. The total number of such entries checked was 11,885.

9. The number of complaints against valuations under Section 163 of the Act heard by me was—135-A. Fort and Colaba Ward, 83-B Mandvi Ward, 153-C Bhuleshwar Ward, 114-D Girgaum Ward, 237 E Byculla Ward, 52-F Parel Ward, and 100-G Mahim Ward. The total number of decisions on complaints against amendments under Section 167 of the Act which were scrutinized by this Office amounted to 287 from all the seven wards of the City.

10. Forty-five irrecoverable bills for Rs. 384-15-3, as per details given in the subjoined table, were scrutinized and submitted to you in the prescribed form for action under Section 216 of the Act.

Wards.	No. of Bills.	Amount.			
		Property Taxes.	Tax on Vehicles and Animals.	Water Charge by Meter.	Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	11	.....	53 0 0	.....	53 0 0
B	8	.....	68 11 0	.....	68 11 0
C	3	1 10 4	14 0 0	.....	15 10 4
D	3	.....	40 0 0	.....	40 0 0
E	16	121 11 11	60 0 0	13 14 0	195 9 11
F	4	.....	12 0 0	.....	12 0 0
Total...	45	123 6 3	247 11 0	13 14 0	384 15 3

11. The demands, collections and balances of the Department at the close of the year, as duly audited in the manner contemplated by the Manual, are summarized below : —

	The General Tax.	The Water Tax.	The Halalkhor Tax.	The Vehicle and Animal Tax.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Total demands as represented by bills issued ...	27,42,047 5 3	16,29,992 2 4	8,83,214 12 7	2,03,457 10 0	54,58,711 14 2
II.—Deduct bills recalled, which were either cancelled or for which amended bills were issued ...	25,417 14 6	9,252 11 2	9,294 14 8	3,022 12 0	46,988 4 4
III.—Net demand for collection	27,16,629 6 9	16,20,739 7 2	8,73,919 13 11	2,00,434 14 0	54,11,723 9 10
IV.—(*a*) Collection paid into the Treasury, including Departmental adjustments	25,51,235 1 1	15,35,752 15 8	8,17,112 0 2	1,89,022 14 11	50,93,122 15 10
(*b*) Irrecoverable bills written off	78 1 4	39 4 3	19 14 8	247 11 0	384 15 3
Total of IV. ...	25,51,313 2 5	15,35,792 3 11	8,17,131 14 10	1,89,270 9 11	50,93,507 15 1
V.—Balance at the close of the year	1,65,316 4 4	84,947 3 3	56,787 15 1	11,164 4 1	3,18,215 10 9

The collections were checked with the totals of the Chief Accountant under each head, and the balances by an examination of the bills actually on hand in the several Ward Offices on 1st April 1904. They were found to be correct.

(c) Toll Collection at Causeways.

12. In the year under report this Office was entrusted with the special work of Audit of Accounts of the Toll Collection at Mahim and Sion Causeways.

The right of collecting the toll leviable under Section 190 of the Act on vehicles entering the City from Salsette was formed for one year from 1st August 1903, and in pursuance of the condition of sale the Toll Farmers supplied a monthly statement of the number of vehicles on which the toll was levied. This statement was checked with the Counterfoils of Ticket Books and Toll Register, kept by the Toll Farmers in the prescribed form, at the respective chowkies on the Causeways. The work done is shown in the following table :—

Month.	Number of entries examined		
	At Sion.	At Mahim.	Total.
1903.			
August	8,808	4,800	13,608
September	8,645	4,626	13,271
October	7,476	4,729	12,205
November	3,935	3,888	7,823
December	4,104	3,606	7,710
1904.			
January	3,978	5,125	9,103
February	4,631	Books were not available.	4,631
Total ...	41,577	26,774	68,351

ENGINEER'S DEPARTMENT.

13. The Revenue Books kept in the General, Streets and Buildings, Water Works, Drainage and Special Drainage Branches of the Executive Engineer's Offices were duly checked each month with the permits, receipts, vouchers and other papers supporting the several entries therein, the object of the audit being to see that the charges were correctly calculated at rates duly sanctioned, and that the collections as shown by the various books were all paid into the Municipal Treasury. The number of vouchers examined (under the 24 heads of Revenue detailed in the table of the 1899-1900 year's Report) was 8,351 representing Rs. 34,843-6-8.

HEALTH DEPARTMENT.

14. The Revenue Books kept in the Health Office, as well as those kept in the three Divisional Health Offices, No. 1 to 3 Divisions, were duly checked each month with the receipts, vouchers and other papers supporting the entries therein, the object of the audit being to ascertain that the amounts collected as shown by the various books were at the rates fixed under due authority, and that they were all paid into the Municipal Treasury. The number of vouchers examined (under the 17 Heads of Revenue detailed in the table of 1899-1900 year's Report) was 24,167 representing Rs. 71,642-9-0.

LICENSING DEPARTMENT.

15. The number of Licenses for 1903-1904, the issue of which was sanctioned by you under Sections 394 and 393 of the Act for the several purposes mentioned in Schedule M (*vide* Appendix G of the 1899-1900 year's Report) was 6,458 for Rs. 73,358 and each of the 6,458 cases passed through this Office, and was duly scrutinized, particularly with reference to the amount of fee leviable.' The register of the Superintendent and the counterfoils of the several License Books were also checked with the Audit Note Book kept in this Office in accordance with your No. 3176 of 20th May 1890, and with the counterfoils of the receipts given by the Chief Accountants' Cashier for the purpose of seeing that the full amount of fee leviable in each was collected and paid into the Municipal Treasury.

MARKETS AND SLAUGHTER HOUSES.

16. The registers and accounts kept for the different markets and Bandora Slaughter Houses were duly checked with the counterfoils of receipts issued to stall-holders, &c., and with the other vouchers available. The total number of vouchers examined (under the 29 Heads of Revenue detailed in the tables of the 1899-1900 year's Report) was 14,136 representing Rs. 4,51,072-8-9, which amount appeared duly credited into the Municipal Treasury.

VICTORIA GARDENS.

17. The Revenue Books kept in the Superintendent's Office were duly checked with the counterfoils of receipts issued for the sale of Garden produce as well as with the counterfoils of tickets issued for the elephant rides in the Victoria Gardens. The number of vouchers examined was 17,169 representing Rs. 9,935-9-9, which amount appeared duly credited into the Municipal Treasury.

General.

18. As the monthly or quarterly Audit of the several Departments proceeded, the errors, irregularities or omissions, which were discovered in the course of it, were brought to the notice of the Heads of Departments concerned by means of official communications addressed to them through you.

II.—Refund.

1.—Assessment Department.

19. The number of claims to refund for vacancy under Sections 174 to 179 of the Act and on account of over collections, which were scrutinized and sanctioned by this Office in the year under report, was 1,626 representing Rs. 30,219-10-6.

II.—*Town Duty Refunds.*

20. As the Port Trustees and the two Railway Companies send in no Administration Reports of the Town Dues collected by them on behalf of the Municipality, it is usual for this Office to submit the two statements (compiled in respect of collections from figures supplied by the Chief Accountant) marked as Appendices D and E to this Report. The following table compares the total results for the year under report with those for the previous year :—

Year.	Gross Revenue.	Total Refunds.	Net Revenue.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1902-1903	23,13,893 14 9	11,53,478 3 0	11,60,415 11 9
1903-1904	26,15,422 11 0	15,28,299 9 0	10,87,123 2 0

21. The rates of duty on the several articles were the same as in the previous year, except that the rate for ghee was raised from annas 8 to annas 10 per Bombay maund.

22. With the exception of a slight falling-off under the head of Beer, the imports of all the other articles were larger than in the previous year, which fact, coupled with the enhanced rate above referred to, has led to the increase of over three lakhs of rupees in the gross collections.

23. The exports exhibit increases under some heads and decreases under others, but the former are so preponderating and the refunds consequently so large as to more than counterbalance the advantage gained on the import side, causing a diminution of Rs. 73,292 in the net revenue.

24. In the year under report 41,247 refund claims were dealt with as against 44,633 in the previous year.

25. The investigation into the frauds referred to in the last Annual Report of this Office was completed in the year under report, the certificates issued from the Wari Bunder and Carmo Bridge Stations of the G. I. P. and the B. B. & C. I. Railway respectively during the year 1902 and part of 1903 having been checked with the Railway Consignment Notes, with the result that large sums of money were found to have been wrongfully drawn as refunds on the strength of the false certificates. Strenuous efforts were made to get back these monies from the exporters concerned. The recoveries made up to the end of last year amounted to Rs. 12,342-13-0 and the work still continues.

Conclusion.

26. In addition to the above, the Office had to deal with correspondence of all Departments affecting revenue, which passes through this Office, and with questions of principles relating to revenue, the importance of which can be judged by the number of Inward and Outward references, which were respectively 4,680 and 5,208 in the year under report.

I have the honor to be,

Sir,

Your most obedient servant,

W. PEARSON,

Rev. and Retd. Audit Officer.

Appendix A.

Statement of Balances examined Quarterly during 1903-1904.

No. of Ward Clerks.	Ward.	Balances examined on 1st April 1903.		Balances examined on 1st July 1903.		Balances examined on 2nd October 1903.		Balances examined on 4th January 1904.		Total Balance examined during the year.	
		No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.
			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
13	A—Fort and Colaba	1,839	1,01,361 0 10	5,710	4,50,546 11 1	2,010	76,897 0 11	5,157	4,73,356 10 6	14,716	11,02,161 7 4
10	B—Mandvi	363	13,851 1 4	3,981	2,39,553 15 3	681	25,328 1 3	5,447	3,51,290 11 2	10,472	6,30,023 12 11
12	C—Bhuleshwar	841	31,486 7 2	4,533	2,28,546 6 7	1,173	46,080 1 4	6,009	3,29,226 10 4	12,556	6,35,339 9 5
8	D—Girgaum	879	29,094 10 0	3,668	1,62,873 14 6	1,032	33,067 8 9	4,078	1,85,056 7 7	9,657	4,10,092 8 10
12	E—Byculla	499	12,318 13 5	1,990	87,393 14 8	373	13,365 14 0	2,599	1,08,827 13 6	5,461	2,21,906 7 3
5	F—Parel	300	6,804 8 0	1,660	24,655 11 0	548	7,086 1 8	1,576	23,369 15 0	4,084	61,916 3 8
5	G—Mahim	560	5,058 13 9	3,235	41,836 15 1	791	6,593 5 8	3,187	42,153 6 3	7773	95,647 8 9
65	Total ...	5,281	1,99,975 6 6	24,777	13,55,407 7 8	6,608	2,08,418 1 7	25,053	15,13,286 10 4	64,719	31,57,087 10 1

Appendix B.

STATEMENT of Entries in the Vehicle and Animal Tax Book checked with the Quarterly Return and Forms VI and VIII.

Wards.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total No. of Entries.
A—Fort and Colaba ..	1,044	1,176	1,266	1,391	4,877
B—Mandvi	616	662	704	739	2,721
C—Bhuleshwar ...	784	843	912	990	3,529
D—Girgaum ...	1,175	1,289	1,344	1,420	5,229
E—Byculla	755	818	876	976	3,425
F—Parel	257	348	401	469	1,475
G—Mahim	186	215	249	275	925
Total ...	4,818	5,351	5,752	6,260	22,181

Appendix C.

STATEMENT of ½ Drawback Cases sanctioned during 1903-1904.

Wards.	1st half of 1903-1904.			2nd half of 1903-1904.			Total for the year.		
	No. of claims received.	No. of claims admitted.	Amount of Drawback sanctioned.	No. of claims received.	No. of claims admitted.	Amount of Drawback sanctioned.	No. of claims received.	No. of claims admitted.	Amount of Drawback sanctioned.
			Rs. a. p.			Rs. a. p.			Rs. a. p.
A—Fort and Colaba.	523	353	6,747 12 9	304	174	3,751 5 1	827	527	10,499 1 10
B—Mandvi ...	1,861	1,256	10,907 1 10	1,522	1,027	9,370 6 1	3,383	2,283	20,277 7 11
C—Bhuleshwar ...	2,731	2,221	11,714 15 0	2,454	1,961	10,204 1 9	5,185	4,182	21,919 0 9
D—Girgaum ...	927	483	3,557 11 7	789	305	2,497 13 10	1,716	788	6,055 9 5
E—Byculla... ...	1,688	1,068	6,471 9 4	1,371	893	5,283 14 8	3,059	1,961	11,755 8 0
F—Parel	414	248	1,466 15 1	362	190	1,201 0 2	776	438	2,667 15 3
G—Mahim ...	451	264	1,827 9 10	392	222	1,629 3 8	843	486	3,456 13 6
Total ...	8,595	5,893	42,693 11 5	7,194	4,772	33,937 15 3	15,789	10,665	76,631 8 8

Appendix D.

STATEMENT contrasting the Collections, Refunds, and Net Revenue from Town Duties for the years 1902-1903 and 1903-1904.

e of Article.	COLLECTIONS.						REFUNDS.								NET REVENUE.			
	1902-1903.		1903-1904.		Increase in 1903-1904.	Decrease in 1903-1904.	1902-1903.				1903-1904.				Increase in 1903-1904.	Decrease in 1903-1904.	1902-1903.	1903-1904.	Increase in 1903-1904.	De 190
							On account of Exports.	On account of Articles supplied to Government.	Total.		On account of Exports.	On account of Articles supplied to Government.	Total.							
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	F
s. 6 per Candy	....		....				345 5 0				.....									
s. 4 do.	4,67,289 4 9		5,84,694 0 0				2,68,039 8 0				3,06,645 12 0									
Total		5,67,289 4 9		5,84,694 0 0	17,404 11 3			2,68,384 13 0		2,68,384 13 0		3,06,645 12 0		3,06,645 12 0	58,260 15 0	.....				
s. 3 per Candy		21 15 6		1,320 11 6	1,298 12 0			21,763 2 0		21,763 2 0		24,262 7 0		24,262 7 0	2,499 5 0	.....	2,77,163 5 3	2,55,106 8 6		22
s. 8 per Cwt.		10,80,011 14 0		12,75,376 9 6	1,95,364 11 6			7,45,231 10 0		7,45,231 10 0		10,84,007 8 0	5,252 10 0	10,89,260 2 0	3,44,028 8 0		3,34,780 4 0	1,86,116 7 6		1,48
Spirits @ As. 4 per llon		2,53,831 6 7		2,66,774 11 0	12,943 4 5			18,574 10 0	227 3 0	18,801 13 0		15,732 9 0	31 3 0	15,763 12 0	.....	2,038 1 0	2,35,029 9 7	2,51,010 15 0	15,981 5 5	
les per Impl. Gallon..		40,098 4 2		38,571 3 6		1,527 0 8		29,523 0 0		29,523 0 0		30,340 3 0		30,340 3 0	817 3 0	.....	10,575 4 2	8,231 0 6	....	2
8 per B'bay Maund	2,06,917 7 9	....					25,078 5 0				2,605 2 0									
10 ,, do. ..	....		2,59,975 3 4				18,083 9 0				36,082 11 0									
Total		2,06,917 7 9		2,59,975 3 4	53,057 11 7			43,161 14 0		43,161 14 0		38,687 13 0		38,687 13 0	.....	4,474 1 0	1,63,755 9 9	2,21,287 6 4	57,531 12 7	
@ 2½ per cent. on Value.....		1,30,969 13 9		1,52,643 6 2	21,673 8 5			26,611 15 0		26,611 15 0		23,339 8 0		23,339 8 0	.....	3,272 7 0	1,04,357 14 9	1,29,303 14 2	24,945 15 5	
@ Anna 1 per Candy.		34,753 12 3		36,066 14 0	1,313 1 9										.....	.....	34,753 12 3	36,066 14 0	1,313 1 9	
					3,03,055 12 11	1,527 0 8									3,61,605 15 6	10,784 9 0			99,772 3 2	1,73,
					1,527 0 8										10,784 9 0					99,
Total..Rs.		13,93 14 9		26,15,422 11 0	3,01,528 12 3			11,53,251 0 0	227 3 0	11,53,478 3 0		15,23,015 12 0	5,283 13 0	15,28,299 9 0	3,74,821 6 0		11,60,415 11 9	10,97,123 2 0		73,

Appendix E.

STATEMENT contrasting the Imports, Exports and Balances of the several Articles subjected to Town Duty during the years 1903-1904 with those of 1902-1903.

Name of Article.	IMPORTS.						EXPORTS AND SUPPLY TO GOVERNMENT BY CONTRACTORS.								BALANCE (LOCAL CONSUMPTION AND STOCK).			
	1902-1903.		1903-1904.		Increase in 1903-1904.	Decrease in 1903-1904.	1902-1903.				1903-1904.				Increase in 1903-1904.	Decrease in 1903-1904.	1902-1903.	1903-1904.	Increase in 1903-1904.	Decrease in 1903-1904.
							Exports.	Supplied to Government.	Total.		Exports.	Supplied to Government.	Total.							
Grain @ As. 6 per Candy .....Candies	..		..				921				..									
Do. do. 4 do. ..... „	22,69,157		23,38,776				10,72,158				12,26,583									
Total Candies....		22,69,157		23,38,776	69,619	..		10,73,079		10,73,079		12,26,583		12,26,583	1,53,504		10,41,474	9,49,052	....	92,422
Flour @ As. 3 per Candy .....Candies.		117		7,044	6,927	..		1,16,070		1,16,070		1,29,400		1,29,400	13,330					
Sugar @ As. 8 per Cwt..... Cwts.		21,60,024		23,50,753	3,90,729	..		14,90,463		14,90,463		21,63,015	10,505	21,73,520	6,83,057		6,63,561	3,72,233	.....	297,328
Wines and Spirits @ As. 4 per Impl. Gallon .....Gallons.		10,15,325		10,67,098	51,774	...		74,298	909	75,207		62,930	124	63,055	..	12,152	2,40,118	10,04,044	63,926	....
Beer @ 6 pies per Impl. Gallon.. „		12,83,144		12,34,279	..	48,865		9,44,736		9,44,736		9,70,886		9,70,886	26,150		3,38,408	2,63,393	....	75,015
Shoe @ As. 8 per B'bay Md. ....Maunds.	4,13,835		..				50,156				5,210									
Do. 10 per do. do.	..		4,15,960				28,934				57,732									
Total Maunds....		4,13,835		4,15,960	2,125	..		79,090		79,090		62,942		62,942		16,148	3,34,745	3,52,018	18,273	....
Timber @ 2½ per cent. on Market value .....Value Rs.		52,38,794		61,05,735	8,66,941	..		10,84,477		10,84,477		9,33,580		9,33,580		1,50,897	41,74,317	51,72,155	9,97,838	....
Firewood @ Anna 1 per Candy, Candies.		5,56,060		5,77,070	21,010	..		..		..		..		..	..	..	5,56,060	5,77,070	21,010	....

PUBLIC WORKS.

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Note.—The Report on Public Works—**A** to **J**—is by Joseph Hall, Esq., M.Inst.C.E., M.I.Mech.E., &c., Executive Engineer, Municipality, forwarded with his letter No. 2394-G., dated 27th May 1904.

The Report on Fire Brigade—**K**—is by W. Nicholls, Esq., Chief Officer of the Fire Brigade, forwarded with his letter No. 184, dated 14th May 1904.

The Report on Gardens—**L**—is by C. D. Mahaluxmiwala, Esq., Superintendent of Municipal Gardens, forwarded with his letter No. 591, dated 1st June 1904.

The Report on Victoria and Albert Museum—**M**—is by the Secretary and Curator, forwarded with his letter No. 19, dated 28th April 1904.

No. 2394-G. of 1904-05.

Executive Engineer's Office,
Bombay, *27th May* 1904.

To

The Municipal Commissioner
for the City of Bombay.

Sir,

I have the honor to forward herewith the Administration Report of the Department under my control for the year 1903-04 as requested in your No. 387, dated 7th April 1904.

2. The Report is divided under the following heads :—

	Paras.
A—Introductory Remarks	3 to 20
B—New Works, &c., General	21 to 44
C—Special Drainage Works	45 to 107
D—Ordinary Drainage Works	108 to 152
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I—Workshops	227 to 246
J—General—Bills, Notices and Correspondence, Summary of Clerical Work, Plague Operations, and Municipal Servants' Act ...	247 to 264

A.

INTRODUCTORY REMARKS.

ESTABLISHMENT.

3. From the beginning of the year under review to the 14th December 1903 the appointment of the Executive Engineer, Municipality, was held by KHAN BAHADUR MUNCHERJI CAWASJI MURZBAN, C.I.E., F.R.I.B.A., M.I.C.E., from whom I took charge of that appointment on the 15th December 1903 and continued to hold it up to the end of the year.

4. We were, during the respective periods of our appointment, assisted by the following officers in conducting the duties of the different branches of this Department :—

5. MR. C. CARKEET JAMES, M.I.C.E., Deputy Executive Engineer, Drainage, Special Branch, was in charge of the Special Drainage Works.

6. MR. JAMES was allowed six months and eleven days' furlough from 1st June to 11th December 1903.

7. The Corporation, taking advantage of MR. JAMES going to England, deputed him to enquire into and report on the following subjects, agreeing to pay him all travelling expenses with the usual allowances :—

(A)—The working of the Liernur System.

(B)—Deodorization and disinfection of sewage on the latest scientific principles as applicable to dealing with the nuisance from the sewage outfall at Love Grove.

8. MR. JAMES submitted his report on these subjects to the Municipal Commissioner on the 9th November 1903.

9. As desired by the Municipal Commissioner MR. JAMES also gave information to MR. G. MIDGLEY TAYLOR and MR. G. STRACHAN on the question of the surcharging of sewers on which they were asked by the Corporation to report.

10. MR. NICHOLAS MAUGHAN, A.M.I.C.E., Deputy Executive Engineer, Drainage, was in charge of the ordinary drainage works. He also conducted the duties of the Deputy Executive Engineer, Drainage, Special Branch, in addition to his own during MR. JAMES' absence on furlough.

11. MR. JAMES and MR. MAUGHAN were assisted in their duties in the Special Drainage Branch by MR. DINSHA DADABHAI DARUWALA, L.C.E., Superintendent of Special Drainage Works.

12. MR. A. FAIRLIE BRUCE, M.I.C.E., Deputy Executive Engineer, Water Works, assisted by MR. NASARWANJI DORABJI BHADA, L.C.E., A.M.I.C.E., Assistant Engineer, Water Works, was in charge of the Water Branch.

13. MR. BRUCE has been allowed three months' privilege leave from the 26th February 1904 and one month's leave without allowances in combination therewith. MR. NASARWANJI DORABJI BHADA has been appointed to conduct the ordinary duties of the Deputy Executive Engineer, Water Branch, during MR. BRUCE'S absence. All contract works relating to the Water Branch are being executed under my direct supervision during MR. BRUCE'S absence.

14. MR. B. H. HEWETT, A.M.I.C.E., Assistant Engineer, was in charge of the Mechanical Branch and supervised the working, repair and maintenance of the Love Grove Pumping Station, the Air Compressor Stations at Love Grove and Colaba, the Municipal Workshops and the Electric Light Installation, &c.

15. MR. KAIKHASHRU PESTANJI BHEDWAR, L.C.E., *sub. pro-tem.* Assistant Engineer, General Branch, was in charge of the Road Branch. He also assisted us in framing reports and supervising the new works in the General Branch of this Department.

16. MR. NAVROJI DADABHAI KATRAK, L.C.E., Special Assistant Engineer, who was in charge of the House Improvement Branch under the Epidemic Diseases Act, has been granted leave without pay from the 14th April 1903 to enable him to take up his appointment in the Bombay City Improvement Trust.

17. From the 14th April to 30th June 1903 MR. NASARWANJI DINSHA MISTRI, L.C.E., conducted the duties of the Special Assistant Engineer, House Improvement Branch, and from the 1st July 1903 MR. ARDESHAR KAWASJI DADACHANJI, L.C.E., has been appointed as Special Assistant Engineer, House Improvement Branch, and he held that appointment up to the end of the year.

18. MESSRS. JAMSHEDJI DADABHAI NADIRSHAH, L.C.E., NAVROJI HORMASJI KATRAK, L.C.E., and HARI BHIKAJI BHANDARE, L.C.E., Divisional Superintendents, assisted us in matters connected with Streets and Buildings.

19. MR. NADIRSHAH was allowed one month's privilege leave from the 18th August to 17th September 1903 and MR. FRAMJI JAMSHEDJI BILIA, L.C.E., conducted his duties during his absence.

20. MR. GOVINDRAM DULLABHRAM, Architectural Surveyor, was in charge of the Architectural and Drawing Branches. He supervised the preparation of plans and estimates and superintended the construction of new and the maintenance of existing buildings. He also assisted us in executing works carried out by the General Branch in connection with the erection of temporary camps and other measures for the suppression of Plague.

B.

NEW WORKS, &c.

21. Subjoined is a list of new works each costing over Rs. 3,000. They are divided as follows :—

(*a*) Those completed during the previous years but the accounts of which remained unadjusted till the commencement of the year under report ; (*b*) those which were in progress at the beginning of the year under report and completed during that year ; (*c*) those which were commenced and completed during the year ; (*d*) those which were commenced but not completed during the year ; and (*e*) those which have been sanctioned but not proceeded with or postponed for want of funds or other reasons.

LIST of New Works, each costing over Rs. 3,000.

Consecutive Number.	Description of Work, &c.	Sanctioned grant.	Expenditure on completion.	Expenditure up to the end of March 1904.	Actual or probable dates of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMPLETED DURING THE PREVIOUS YEARS BUT THE ACCOUNTS OF WHICH REMAINED UNADJUSTED TILL THE COMMENCEMENT OF THE YEAR UNDER REPORT.				
	Buildings.				
1	Construction of a monkey house in the Victoria Gardens	8,472 0 0	7,672 5 0	.....	15th Dec. 1902.
	Drainage, Special.				
2	Seventeen catch-pits on pipe sewers and seven catch-pits on ovoid sewers ...	70,700 0 0	70,115 11 4	.....	31st Mar. 1903.
3	Machinery for the sewerage of Parel, Mazagon, &c., Sectional Districts (on Shone System)	7,37,224 1 8	7,30,724 1 8	.....	1st May 1901.
4	Surface drain in Queen's Road between level-crossing and Charni Road ...	5,247 0 0	2,809 2 8	.....	24th Mar. 1903.
5	Open ovoid drain on the east side of DeLisle Road	2,630 0 0	1,571 12 2	.....	24th Mar. 1903.
6	Masonry side drains at Malabar Hill from Gowalia Tank Road to the Government House	9,475 0 0	7,845 4 2	.....	31st Mar. 1903.
	Drainage, Ordinary.				
7	Colaba latrines	24,598 0 0	19,121 13 10	.....	28th Feb. 1903.
8	Constructing 3 Water Closets in the Victoria Gardens	3,030 0 0	2,349 11 8	.....	31st Jan. 1903.
	Water Works.				
9	9" Main at DeLisle Road	15,181 0 0	9,849 6 1	.....	31st Mar. 1903.
10	Construction of Inspector's quarters at Kurla	4,000 0 0	3,471 14 5	.....	6th Aug. 1902.
11	Repairing and strengthening Kasheli embankment, Tansa Duct	35,892 0 0	26,716 8 5	.....	28th Feb. 1903.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Work, &c.	Sanctioned grant.	Expenditure on completion.	Expenditure up to the end of March 1904.	Actual or probable dates of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS IN PROGRESS AT THE BEGINNING OF THE YEAR UNDER REPORT AND COMPLETED DURING THAT YEAR.				
	Buildings.				
12	Extension of the Municipal Market at Fergusson (Curry) Road	4,384 0 0	4,027 8 3	.....	30th April 1903.
	Miscellaneous.				
13	Filling in side drains along Tardeo Road and providing Water tables in their places	5,456 0 0	3,530 9 9	.....	30th April 1903.
14	Paving Cab-stands (Grant of 1902-03)...	5,000 0 0	3,052 4 0	.....	21st May 1903.
15	Erection of a fountain on a portion of the ground reclaimed from the Kavasji Patel Tank	5,000 0 0	4,680 7 8	.....	30th May 1903.
	Drainage, Special.				
16	Zinc vent shafts on pipe sewers in the Fort Sewerage District (1st Batch)...	5,000 0 0	3,538 6 9	.....	26th June 1903.
	Drainage, Ordinary.				
17	Latrines and Urinals (Grant of 1902-03)	12,000 0 0	10,670 0 2	.....	30th Sept. 1903.
	Water Works.				
18	Substituting an iron pipe for the Masonry Duct near Bhandup ...	12,000 0 0	8,786 11 2	.....	31st May 1903.
	WORKS COMMENCED AND COMPLETED DURING THE YEAR.				
	Buildings.				
19	Adding two wings to the small Carnivora cage in the Victoria Gardens ...	3,025 5 6	2,423 5 0	.....	13th Sept. 1903.
	Miscellaneous.				
20	Renewing the corrugated iron sheets over the roof of the Arthur Crawford Fruit and Vegetable Markets (Grant of 1903-04)	6,000 0 0	5,105 0 0	....	26th Feb. 1904.
	WORKS COMMENCED BUT NOT COMPLETED OR COMPLETED AND ACCOUNTS NOT CLOSED DURING THE YEAR.				
	Buildings.				
21	Health Department Bullock Stables and Quarters for Sweepers in Ward E, Agripada	1,50,000 0 0	.....	52,807 15 10	9th May 1904.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Work, &c.	Sanctioned grant.	Expenditure on completion.	Expenditure up to the end of March 1903.	Actual or probable dates of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMMENCED BUT NOT COMPLETED OR COMPLETED AND ACCOUNTS NOT CLOSED DURING THE YEAR—*contd.*				
	Buildings—contd.				
22	Construction at the Gowalia Tank Fire Brigade Station of quarters for the Lascars of the Fire Brigade of the Malabar Hill Station and for the Chaukidar of the Gowalia Tank Station and a cook-room and store-room for the Foreman of the Gowalia Tank Station	10,974 0 0	.....	3,410 0 11	22nd May 1904.
	Roads.				
23	Construction of Reay Road from Wari Bunder to Gunpowder Road, Mazagon ... ... Rs. 7,30,000 Victoria Road extension ... ... „ 36,200 Burial-ground for Mahomedans and Beni-Israels ... „ 2,41,952 To be paid by the Municipality ... Rs. 8,51,652 To be paid by the Port Trust. Rs. 1,56,500	10,08,152 0 0	.....	6,61,130 13 10	.....
24	Roads and Streets in Agripada and elsewhere— For roads, streets and frontages ... ... Rs. 24,50,000 For storm-water drains in Morland, Souter and Club Roads and Gilder Street... „ 1,28,288	25,78,288 0 0	.....	24,18,636 0 7	.....
	Miscellaneous.				
25	Additional burial-ground at Narielwady .	1,66,929 0 0	.....	1,60,363 8 9	13th Aug. 1903.
26	Railway sidings, platforms, &c., to carry Town Sweepings to Deonar	8,44,000 0 0	.....	8,14,080 5 3	.....
27	Burning and burial-ground at Mahim ...	30,774 0 0	.....	26,911 13 2	.....
28	Do. do. at Worli ...	29,373 0 0	.....	17,565 2 0	.....
29	Levelling and metalling the fair ground at the Bandra Slaughter Houses ...	18,077 0 0	.....	7,618 0 4	21st Jan. 1904.
30	Paving cab-stands (Grant of 1903-04)...	5,000 0 0	.....	2,445 4 2	8th Dec. 1903.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Work, &c.	Sanctioned grant.	Expenditure on completion.	Expenditure up to the end of March 1904.	Actual or probable date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMMENCED BUT NOT COMPLETED OR COMPLETED AND ACCOUNTS NOT CLOSED DURING THE YEAR—*contd.*				
	Drainage, Special.				
31	Low-level channel from Tardeo Flats to Worli Point	13,72,120 0 0	.....	2,52,595 6 9	5th March 1906.
32	Ovoiding and regrading the open roadside drains in Umarkadi Road ...	4,991 0 0	.....	3,119 0 11	5th Feb. 1904.
33	Ovoiding and regrading the open roadside drains in Imamwada Road from Parel Road to Jail Road, North	3,116 0 0	.....	2,030 4 4	24th Feb. 1904.
34	Slab-drain 18″ × 18″ in Store Lane and Homji Street	3,610 0 0	.....	1,508 6 2	11th June 1904.
35	Zinc vent shafts on pipe sewers in the Fort Sewerage District (2nd Batch) ...	5,000 0 0	.....	3,191 6 3	15th Oct. 1903.
36	Storm-water drains in part of Gilder Street and Foras Road from Grant Road to Falkland Road	16,213 0 0	.....	10,781 14 10	29th July 1903.
37	Sewerage of Parel District (Sectional) ...	5,60,759 3 8	.....	4,65,796 13 10	31st May 1903.
38	Sewerage of Fergusson Road and Chinchpokli Sectional District	2,80,054 8 1	.....	2,41,812 6 6	31st May 1903.
39	Sewerage of Colaba (on Shone System)...	8,64,484 14 4	.....	8,10,736 13 9	1st May 1895.
40	Sewerage of Umarkhadi	3,68,786 5 9	.....	3,56,589 1 10	8th August 1895.
41	Ovoiding cutcha drains to the east and west sides of Arthur Road from Parel Road as far as the G. I. P. Railway crossing	7,048 0 0	.....	136 6 0	11th May 1904.
42	Ovoiding the side drains to the north of Kalachauki Road...	4,771 0 0	.....	67 4 0	14th May 1904.
43	Works in connection with the storm-water drains running to the west of the G. I. P. Railway Dadar Station...	7,219 0 0	.....	159 8 0	11th June 1904.
	Drainage, Ordinary.				
44	Latrines and urinals (Grant of 1903-04).	12,000 0 0	.....	1,349 9 6	3rd June 1904.
45	Construction of permanent manholes over drains (Grant of 1902-03) ...	8,000 0 0	.....	5,128 12 1	28th Feb. 1904.
46	Completion of house drainage connections in different parts of the City.	14,95,356 0 0	.....	4,79,738 10 6	28th Feb. 1904.
47	Construction of a night-soil depôt of two hoppers at Bamnaoli	9,214 0 0	.....	.....	30th June 1904.
48	Remodelling certain house gullies in Kamatipura...	19,196 0 0	.....	7,025 0 0	29th Feb. 1904.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Work, &c.	Sanctioned grant.	Expenditure on completion.	Expenditure up to the end of March 1904.	Actual or probable dates of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMMENCED BUT NOT COMPLETED OR COMPLETED AND ACCOUNTS NOT CLOSED DURING THE YEAR—*contd.*				
	Water Works.				
49	Improvement of the Outlet Towers at Vehar and Tulsi	12,593 0 0	.....	9,165 2 6	30th June 1904.
50	4″ Main at Khara Talao Road ...	3,950 0 0	.....	273 15 4	30th June 1904.
51	15″ Water main from 24″ main in Bhoiwada to Elphinstone Road as far as New Parbhadevi Road and thence a 9″ main to the Century Mill ...	60,510 0 0	.....	40,709 2 5	30th June 1904.
52	Construction of additional filters with a roof covering at the Malabar Hill Reservoir	2,93,330 0 0	.....	39,350 12 1	20th June 1904.
53	Renewing 3″ service mains in B Ward with 4″ pipes	78,407 0 0	.....	1,050 7 6	30th June 1904.
54	Purchasing and fixing new pattern hydrants	85,600 0 0	.....	64,788 8 3	31st May 1903.
55	Asphalting filter beds Nos. 3, 4 and 6 of the Bhandarwada Reservoir ...	16,648 0 0	.....	10,489 15 10	30th June 1904.
	WORKS SANCTIONED BUT NOT PROCEEDED WITH OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS.				
	Buildings.				
56	New market at Chaupati	17,000 0 0	.....	63 0 0	
57	Construction of quarters for workmen at the Love Grove Air Compressor Station, including purchase of land and an old chal	23,600 0 0	.....	.....	
58	Construction of a temporary market for squatters in Kazi Sayad Street, west of Masjid Station	3,000 0 0	.....	.....	
59	Construction of a chauki at Chinchpokli to provide office accommodation for the newly appointed Drainage Inspector and his staff	6,992 0 0	.....	.....	
60	Construction of quarters for B Ward halalkhors	1,11,600 0 0	.....	.....	
	Miscellaneous.				
61	Paving the Chaupati footpath with bluestone and placing 20 additional benches thereon	21,480 0 0	.....	.....	

New Works, &c.—(*continued*).

Consecutive Number.	Description of Work, &c.	Sanctioned grant.	Expenditure on completion.	Expenditure up to the end of March 1904.	Actual or probable dates of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS SANCTIONED BUT NOT PROCEEDED WITH OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS—*contd.*				
	Drainage, Special.				
62	Sewerage of Malabar Hill District (Sectional)	7,71,190 0 0	.....	10,815 8 2	
63	Cutting out rocky barriers in the channel at Love Grove	16,194 0 0	.....	116 6 0	
64	Filling in Gilder Tank :..	22,000 0 0	.....	186 9 0	
	Drainage, Ordinary.				
65	Walkeshwar latrines	7,110 0 0	.....	1,801 12 8	
66	Construction of permanent manholes over drains	3,000 0 0	.....	.....	
	Water Works.				
67	C. I. main to Siwri Cemetery Road from Ghorupdeo Road *via* Jakaria Bandar Road, 12″ for 5,080 feet and 4″ for 1,359 feet	38,981 0 0	.....	.....	
68	Main along Kala Chauki Road from Parel Road to Ghorupdeo Road and along Reay Road from Kala Chauki Road to Bhandarwada Reservoir ...	1,38,000 0 0	.....	87 4 0	
69	9″ Service main connected at one end with the Bhandarwada Reservoir and the other with the Siwri Road 12″ main and supplemented midway by a 9″ service main down Connaught Road	60,000 0 0	.....	.....	
70	Steel main from 48″ Tansa main at Chinchpokli to Grant Road and 32″ main from Grant Road to Malabar Hill.	2,10,000 0 0	.....	.....	
71	32″ Outlet main from Malabar Hill to Chaupati	30,000 0 0	.....	.....	
72	9″ and 10″ pipe from Grant Road to Kamatipura	13,000 0 0	.....	.....	
73	Distribution mains in Tardeo and Gamdevi Roads	9,870 0 0	.....	.....	
74	Replacing 32″ Vehar pipe for 1½ miles by 48″ steel mains	3,25,000 0 0	.....	2,051 6 9	
75	Laying 6″ main from 18″ main in Esplanade Road connecting with the 16″ main in Hornby Road	10,130 0 0	.....	.....	
76	9″ and 4″ main in the new roads in the Agripada District	51,874 0 0	.....	.....	

New Works, &c.—*(continued)*.

Consecutive Number.	Description of Works, &c.	Sanctioned grant.	Expenditure on completion.	Expenditure up to the end of March 1904.	Actual or probable dates of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS SANCTIONED BUT NOT PROCEEDED WITH OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS—*contd.*				
	Water Works—contd.				
77	4" main in new street near Lohar Chal	8,500 0 0	.....	.....	
78	Main in the 1st Nagpada Scheme ...	8,412 0 0	.....	.....	
79	Renewal of 32" Vehar main south of Kurla	2,00,000 0 0	.....	2 12 0	
80	Laying 4" C. I. main along the existing Wodehouse Bridge Road and the new road under construction between that road and Colaba Causeway ...	5,240 0 0	.....	2,426 2 11	
81	Renewals of existing mains	4,00,000 0 0	.....	26,517 3 9	

NEW WORKS.

Renewing the Corrugated Iron Sheets over the Roof of Fruit and Vegetable Markets in the Arthur Crawford Markets.

22. A grant of Rs. 6,000 was sanctioned for the work in the Budget for 1903-04. Tenders were invited for the work, and the one of Messrs. Mahomedali Abdulali & Co., being the lower of two tenders received, was accepted by the Standing Committee under their Resolution No. 911 of 10th June 1903.

23. Order to commence the work was given to the Contractors on the 27th August 1903, and it was completed within the contract time at a total cost of Rs. 5,105.

Paving Cab-stands.

24. (*a*) The work of paving cab-stands sanctioned in the Budget for 1902-03 and referred to in the last year's Administration Report was completed at a total cost of Rs. 3,052-4-0.

25. (*b*) Tenders were invited for similar work sanctioned in the Budget for 1903-04, and that of Messrs. Abdulali Gulam Husein & Bros. being the lowest of four tenders received, was accepted by the Commissioner under his No. 6792 of 16th June 1903.

26. Orders were given to the Contractors on the 9th July 1903 to proceed with the paving of the cab-stands at Victoria Road, Dockyard Road and Foras Road.

27. The first two cab-stands were paved within the contract time. The paving of the third cab-stand was deferred, as the site selected for the purpose was to be acquired from the B. B. & C. I. Railway Co.

28. (*c*) The paving of an extra cab-stand at Golpitha out of the unexpended balance of the grant for 1902-03 was also carried out by Messrs. Ahamadali Gulam Husein & Bros. in accordance with the Municipal Commissioner's No. 15501 of 7th September 1903. The expenditure passed up to 31st March 1904 for paving all these cab-stands amounted to Rs. 2,445-4-2.

Construction of a Fountain on the reclaimed portion of the Kavasji Patel Tank.

29. This work which is referred to in the last year's Administration Report was completed in 1903-04 at a total cost of Rs. 4,680-7-8.

Extension of the existing Market at Fergusson Road.

30. This work which is referred to in the last year's Administration Report was completed in 1903-04 at a total cost of Rs. 4,027-8-3.

Constructing a Wall on the east side of the Mahim Burning and Burial Ground.

31. This work which is referred to in the last year's Administration Report was completed in 1903-04 at a total cost of Rs. 5,686-10-8.

Constructing Quarters for sweepers and stable for Bullocks of the Health Department at Agripada.

32. This work which is referred to in the last year's Administration Report was in progress at the end of the year under report.

33. The total expenditure on the work up to 31st March 1904 was Rs. 52,807-15-10.

Adding two wings to the small Carnivora Cage in the Victoria Gardens.

34. This work was sanctioned under the Commissioner's No. 36072 of 30th March 1903. Tenders were invited and the one of Messrs. Isufali Abdulali & Co. being the lowest of five tenders received, was accepted under the Commissioner's No. 2918 of 5th May 1903.

35. Order to commence the work was given to the Contractors on the 14th May 1903. The work was completed on the 12th September 1903 at a total cost of Rs. 2,423-5-0. The contract date of completion being 28th July 1903, the establishment charges for the excess period were recovered from the Contractors in accordance with the Commissioner's No. 19656 of 8th October 1903.

Levelling and Metalling the Fair Ground at Bandra Slaughter Houses.

36. This work was sanctioned in the Budget for 1903-04. Tenders were invited and that of Messrs. Ramji Keshavji & Co. being the lower of the two tenders received, was accepted by the Standing Committee under their Resolution No. 1172 of 24th June 1903.

37. Order to commence the work was given to the Contractors on 22nd July 1903. The contract date of completion of the work was 21st January 1904 but the Contractors having failed to complete it by that date, it was in progress at the end of the year.

38. The total expenditure on the work up to 31st March 1904 was Rs. 7,618-0-4.

Constructing Laskars' and Chaukidars' quarters and a cook-room at the Gowalia Tank Fire Brigade Station.

39. This work was sanctioned under the Corporation's Resolution No. 2236 of 10th September 1903. Tenders were invited and that of Messrs. Palanji Shapurji Mistri & Co. being the lowest of four tenders received, was accepted by the Standing Committee under their Resolution No. 3261 of 25th November 1903.

40. Order to commence the work was given to the Contractors on 23rd December 1903 and the work was in progress at the end of the year under report.

41. The total expenditure passed up to 31st March 1904 was Rs. 3,410-0-11.

Disposal of Town Sweepings in the City.

42. No new work was executed during the year under review in connection with the Kurla Deonar Railway except the construction of three shift sidings which form part of the maintenance of the Railway line.

Burial Grounds at Narielwadi.

43. The work of preparing the Burial Ground at Narielwadi for the Shia Ishna Ashari Sect, referred to in the last year's Administration Report, was completed during the year under review at a total cost of Rs. 15,818-13-2.

Filling in side drains along Tardeo Road and providing Water Tables in their places.

44. This work which was shown in the last year's Administration Report was completed during the year under review at a total cost of Rs. 3,530-9-9.

C

DRAINAGE WORKS, SPECIAL BRANCH.

Colaba and Umarkhadi Sewerage Works.

CONTRACTORS :—MESSRS. BULKLEY & Co.

45. The Municipal Solicitors are in communication with the Contractors' Solicitors regarding the recovery of the money decreed by the Court against them.

OVOIDING SIDE DRAINS ON MALABAR HILL FROM GOWALIA TANK ROAD TO GOVERNMENT HOUSE.

46. It was reported in the last year's Administration Report that the work was completed on the 31st March 1903.

47. In the year under report a further expenditure of Rs. 498-15-5 was incurred, bringing the total expenditure up to the end of the year to Rs. 7,805-4-2.

STORM-WATER DRAINS IN QUEEN'S ROAD AND DELISLE ROAD.

48. It was reported in the last year's Administration Report that the above works were completed on the 24th March 1903.

49. In the year under report, a further expenditure of Rs. 1,545-5-3 was incurred making a total expenditure on the works up to the end of the year to Rs. 4,375-13-10.

CONSTRUCTION OF CATCHPITS ON PIPE SEWERS AND OVOID SEWERS.

50. It was stated in the last year's Administration Report that the work was completed on the 31st March 1903, and that the settlement of the Contractors' bills was under consideration. The Contractors preferred a claim of Rs. 11,367 on account of extra works alleged to have been necessitated by the heavy surcharging of the sewers, and also claimed on the same ground an extension of the contract period up to the 31st March 1903. The matter was finally settled by the Commissioner awarding Rs. 2,100 for the extra works and extending the contract period to 31st March 1903, without any penalty.

51. The total expenditure on the works up to the end of the year was Rs. 70,160-11-5.

FERGUSSON ROAD AND CHINCHPOKLI SECTIONAL SEWERAGE WORKS.

52. This work comprised—

(*a*) Laying Pipe sewers with Manholes and Flush Tanks ;

(*b*) Ejectors, C. I. Tubbing and Brick Chambers ;

(*c*) Air Mains and sealed Sewage Mains ;

and (*d*) Vent shafts.

(*a*) As stated in the last year's report Messrs. Devram Keshavji & Co., the Contractors for the work, were unable to finish the work within the contract period which expired on the 31st October 1902. The work was actually completed by them on 31st May 1903. The cost of the Municipal Supervising Establishment employed on the works for the extra time has been recovered from the Contractors. Since the completion of the works the Contractors have continually put forward claims for various items, and although these claims have been disallowed, they have not yet submitted their final bill for the works.

(*b*) As stated in the last year's report, the Contractors for this work were Messrs. Richardson & Cruddas, the Agents of Messrs. Hughes and Lancaster. The contract period expired on the 30th June 1902, and although the works were practically completed within that period, yet they were not wholly completed until 15th January 1903. The Commissioner, however, granted the Contractors an extension of the contract period to the 15th January 1903, as the delay was due to certain alterations to the floats of the ejectors, and the matter in that respect had to be referred to England to Messrs. Hughes and Lancaster.

(c) The Contractors for this work were Messrs. Marsland Price & Co. According to the contract the whole of the work was to be finished by the 1st June 1902, but it was not completed until the 31st May 1903. The Contractors were however delayed by circumstances beyond their control, *viz.*, they had to work in certain instances side by side with the other Contractors, and the completion of the work was to a certain extent dependant on the completion of their works. The Commissioner, under these circumstances, extended the contract period to 31st May 1903, without any penalty.

(d) As stated in the last year's report, this work was entrusted to Messrs. Alcock Ashdown & Co., and was completed by them in that year. Some alterations in the connections between the ejector stations and the vent shafts were found necessary during the year and were carried out departmentally by the Municipal Workshops.

53. The total expenditure on the works up to the end of the year amounted to Rs. 2,44,813-1-10.

PAREL SECTIONAL SEWERAGE WORKS.

54. This work comprised—

(a) Pipe Sewers with Manholes and Flush Tanks

(b) Ejectors, Brick Chambers, &c.

(c) Air Mains and sealed Sewage Mains, and

(d) Vent shafts on the Shone System.

(a) As stated in the last year's report Messrs. Alimahomed Kasam & Co. were the Contractors for the work, and the contract date for its completion was 25th July 1903. The Contractors finished the work on the 31st May 1903.

(b) As stated in the last year's report Messrs. Richardson & Cruddas, the Agents of Messrs. Hughes & Lancaster, were the Contractors for the work. The contract period expired on 31st December 1902. The works were not completed until 25th May 1903. The delay being in a great measure due to the nature of the subsoil at Ejector Station No. 1, owing to which C. I. Tubbing had to be substituted at the place for the brick-chamber which was originally intended, the Commissioner extended the contract period to the 25th May 1903 without any penalty.

(c) The Contractors for this work were Messrs. Marsland Price & Co., who carried out the work in this district and that in the Fergusson Road district under one contract, the completion of which has been referred to above.

(d) The three outlet vent shafts, one at each of the three ejector stations, referred to in the last year's report, were erected by Messrs. Alcock Ashdown & Co. during the year under report.

55. The total expenditure on these works up to the end of the year amounted to Rs. 4,65,796-13-10.

ZINC VENT SHAFTS ON PIPE SEWERS IN THE FORT DISTRICT (1ST BATCH).

56. Tenders for the work were invited on the 26th February 1903. Messrs. Ramji Keshavji & Co's tender being the lower of the two tenders received, was accepted by the Commissioner under his No. 34745 dated the 16th March 1903. The amount of the tender was Rs. 4,096-3-4 against the office estimate of Rs. 4,323-13-5 plus Rs. 218 for road repairs and Rs. 454 for contingencies and supervision. The work was commenced on the 26th March 1903, and completed on the 18th June 1903. The contract date for the completion of the work was 26th June 1903.

57. The total expenditure on the works up to the end of the year was Rs. 3,691-3-9.

STORM WATER DRAIN IN GILDER STREET AND FORAS ROAD.

58. Tenders for the work were invited on the 25th March 1903. Messrs. Essufali Abdulali & Co.'s tender being the lowest of the four tenders received, was accepted by the Standing Committee under their Resolution No. 86, dated the 8th April 1903. The amount of this tender was Rs. 8,589-2-1 against the office estimate of Rs. 13,369-12-11 plus Rs. 1,369-8-0 for road repairs and Rs. 1,473-11-11 for contingencies and supervision. The work was commenced on the 29th April 1903. The contract date for the completion of the work was 29th July 1903,

and although most of the work was executed within the contract period, it was not completed until the 10th September 1903. The Commissioner extended the contract period up to the 10th September 1903. Rs. 186-10-8 being the charges for the extra supervision during the extended period were recovered from the Contractors.

59. The total expenditure on the work up to the end of the year was Rs. 10,781-14-9.

ZINC VENT SHAFTS ON PIPE SEWERS IN THE FORT DISTRICT (2ND BATCH).

60. Tenders for the work were invited on the 29th June 1903. Messrs. Athavale Vaidya & Co.'s tender being the lower of the two tenders received, was accepted by the Commissioner under his No. 9393, dated the 7th July 1903. The amount of the accepted tender was Rs. 3,619-14-8 against the office estimate of Rs. 4,340-4-7 plus Rs. 179-8-0 for road repairs and Rs. 452 for contingencies and supervision. The work was commenced on the 15th July 1903 and completed on the 9th October 1903. The contract date for its completion was 15th October 1903.

61. The total expenditure on the works up to the end of the year was Rs. 3,191-6-3.

OVOIDING AND REGRADING THE SIDE DRAIN IN IMAMWADA ROAD FROM PAREL ROAD TO JAIL ROAD.

62. Tenders for the work were invited on the 26th October 1903. Messrs. Athavale Vaidya & Co.'s tender being the lower of the two tenders received, was accepted by the Commissioner under his No. 23174, dated the 6th November 1903. The amount of the accepted tender was Rs. 1,692-14-1 against the office estimate of Rs. 2,596-2-0 plus Rs. 208-8-0 for road repairs and Rs. 280-7-5 for contingencies and supervision. The work was commenced on the 25th November 1903 and completed on the 24th February 1904, that being the contract date for its completion.

63. The total expenditure on the work up to the end of the year was Rs. 2,030-4-4.

OVOIDING AND REGRADING THE OPEN ROAD SIDE DRAINS IN UMARKHADI ROAD.

64. Tenders for the work were invited on the 12th October 1903. Messrs. Athavale Vaidya & Co.'s tender being the lower of the two tenders received, was accepted by the Commissioner under his No. 21298, dated 23rd October 1903. The amount of the tender was Rs. 2,973-3-9 against the office estimate of Rs. 4,087-9-3 plus Rs. 449-4-0 for road repairs and Rs. 453-10-11 for contingencies and supervision. The work was commenced on the 6th November 1903 and completed on the 5th February 1904, *i.e.*, on the contract date for its completion.

65. The total expenditure on the work up to the end of the year was Rs. 3,117-2-11.

SCHEME FOR SUBSOIL AND SURFACE DRAINAGE.

66. As now revised the work comprises—

1. Channel No. 1 from Mahalakshmi Railway Station to Warli Foreshore with Sea-ward Channel and new Sluices.
2. Channel No. 2 from DeLisle Road to Channel No. 1.
3. Purchase of land.
4. Bund alongside open Main Drain.
5. Drains in Arthur Road and Haines Road.

67. It was considered advisable to divide the whole of the works into two separate contracts, the first contract including the Sea-ward Channel, the new Sluices, and the Channel No. 1 from the sluices to Warli Road ; and the second contract comprising the rest of the Channel No. 1, the Channel No. 2, the Bund alongside the open Main Drain and the Masonry Drains in Arthur Road and Haines Road.

68. Tenders for the 1st contract were invited on the 16th September 1903. Four firms of Contractors tendered for the work, but the tender of one of these being incomplete, was not considered. Of the remaining three the tender of Messrs. Teju Kaya & Co., amounting to Rs. 4,70,916-1, was the lowest, and was recommended to the Standing Committee for acceptance. As, however, this firm had quoted the same rate for each of the three kinds of excavation specified in the contract, the Standing Committee asked all the three tenderers to re-quote

their rates for these items. The tender of Messrs. Teju Kava & Co. being also the lowest at the rates thus revised, was accepted for Rs. 4,29,011-8-4 by the Standing Committee under their Resolution No. 2707, dated the 14th October 1903. The office estimate for this work was Rs. 5,06,385-5-11 plus Rs. 189 for road repairs and Rs. 75,896 for contingencies and supervision. The work was commenced on the 6th November 1903. The contract period expires on the 5th March 1906, but the work has been going on in such an eminently satisfactory manner that it is expected to be finished long before that date.

69. Tenders for the 2nd contract were invited on the 5th October 1903, but only one tender, and that even too higher than the office estimate, was received. The tender was therefore rejected. Fresh tenders were subsequently invited on the 25th January 1904, and the tender of Messrs. Alimahomed Kasam & Co. being the lowest of the three tenders received was accepted by the Standing Committee under their Resolution No. 4369, dated the 10th February 1904. The amount of the tender was Rs. 4,21,058-0-9 against the office estimate of Rs. 4,31,237-2-7 plus Rs. 5,241 for road repairs and Rs. 65,472 for contingencies and supervision. The work was commenced on the 25th February 1904. The contract period will expire on the 24th June 1906, but the work is being pushed forward so vigorously that it is expected to be completed much before that date.

70. The acquisition of land either by an amicable settlement by negotiations with the owners or by putting the Land Acquisition Act into operation was found to be extremely dilatory. It was therefore decided to resort to Section 222 of the Municipal Act, and notices under that section have been served on all the owners concerned. While this procedure has allowed the works to proceed at once, it has also opened a way to early amicable settlements with the parties in a majority of cases.

71. The total expenditure on the above works up to the end of the year amounted to Rs. 2,52,936-14-1.

SLAB DRAIN 18" × 18" IN STORE LANE AND HOMJI STREET.

72. Tenders were invited on the 19th January 1904. Only one tender was received from Mr. Sayaji Naguji. The amount of the tender was Rs. 2,345-10-1 against the office estimate of Rs. 2,894-11-10 plus Rs. 387 for road repairs and Rs. 328 for contingencies and supervision. The tender was accepted by the Commissioner under his No. 32405, dated the 29th January 1904, and the work was commenced on the 11th February 1904. The contract date for the completion of the work is 11th June 1904, but the work had been well advanced towards completion at the end of the year.

73. The total expenditure on the work up to the end of the year was Rs. 1,521-14-2.

WORKS IN CONNECTION WITH THE STORMWATER DRAIN RUNNING TO THE WEST OF THE G. I. P. RAILWAY DADAR STATION.

74. Tenders for this work were returnable on the 14th January 1904. Only one tender was received from Messrs. Esufali Abdulali & Co. The amount of the tender was Rs. 5,928-6-5 against the office estimate of Rs. 6,482-3-10 plus Rs. 80 for road repairs and Rs. 656-3-7 for contingencies and supervision. The tender was accepted by the Standing Committee under their Resolution No. 4124, dated the 27th January 1904. The work was commenced on the 12th February 1904 and is proceeding satisfactorily. The contract date for the completion of the work is the 11th June 1904.

75. The total expenditure on the work up to the end of the year was Rs. 159-8-0.

OVOIDING THE SIDE DRAIN TO THE NORTH OF KALACHAUKI ROAD.

76. Tenders for the work were returnable on the 18th January 1904. Only one tender was received from Messrs. Esufali Abdulali & Co. The amount of the tender was Rs. 2,268-5-2 against the office estimate of Rs. 3,838-13-5 plus Rs. 498-12-0 for road repairs and Rs. 433-12-2 for contingencies and supervision. The tender was accepted by the Commissioner under his No. 32402, dated the 29th January 1904. The work was commenced on the 11th February 1904, and is progressing satisfactorily. The contract date for the completion of the work is 11th May 1904.

77. The total expenditure on the work up to the end of the year was Rs. 67-4-0.

OVOIDING SIDE DRAINS TO THE EAST AND WEST SIDES OF ARTHUR ROAD FROM PAREL ROAD AS FAR AS THE G. I. P. RAILWAY CROSSING.

78. Tenders for the work were returnable on the 15th January 1904. The tender of Messrs. Esufali Abdulali & Co. being the lower of the two tenders received, was accepted by the Standing Committee under their Resolution No. 4126, dated the 27th January 1904. The amount of the accepted tender was Rs. 4,808-14-3 against the office estimate of Rs. 6,114-14-11 plus Rs. 292-8-0 for road repairs and Rs. 640-11-11 for contingencies and supervision. The work was commenced on the 11th February 1904 and is progressing satisfactorily. The contract date for the completion of the work is 11th May 1904.

79. The total expenditure on the work up to the end of the year was Rs. 136-6-0.

MALABAR HILL SECTIONAL SEWERAGE WORKS.

80. The Corporation, under their Resolution No. 13720, dated the 5th March 1903, sanctioned the execution of the work in sub-district No. 1, extending from the Malabar Point to Mount Pleasant Road. As it is intended to discharge the sewage on the western foreshore after purifying it by passing it through Septic Tanks and Bacteria beds, the sanction of the Government to the new outfall was applied for. The Government notified that they would not disallow the outfall, provided the Corporation undertook to close or alter it in such a way as might from time to time be prescribed by Government, in case the outfall was found to be a nuisance by two arbitrators, one of whom shall be appointed by the Corporation and one by Government, and who shall have the usual power of nominating an umpire. These terms have been accepted by the Corporation. Tenders for the stoneware pipes required for this work were invited on the 14th October 1903, and the tender of Messrs. Richardson & Cruddas, amounting to Rs. 22,878-5-0 against the office estimate of Rs. 23,785, being the lower of the two tenders received, was accepted by the Standing Committee under their Resolution No. 2944, dated 4th November 1903. The whole of the supply was to be completed by the 15th March 1904, but owing to great breakage in the steamers, the Contractors have not made the full supply.

81. Tenders for the C. I. manhole covers, frames and steps required for this work were also invited on the 15th December 1903 and the tender of Messrs. Sorabji Shapurji & Co., amounting to Rs. 7,082 against the office estimate of Rs. 8,205-12-0, being the lowest of the four tenders received, was accepted by the Standing Committee under their Resolution No. 3647 dated 23rd December 1903. The whole of the supply is to be completed by the 31st May 1904 and its manufacture is proceeding satisfactorily. Tenders for the execution of the work will be invited shortly.

FILLING IN OF THE GILDER TANK.

82. Tenders for the work were invited on the 17th September 1903 and two tenders were received. While these were under consideration a notice was received by the Commissioner from the Solicitors of one Bava Charandas Mandas protesting against the filling in and claiming certain rights over the tank. The matter was referred to the Municipal Solicitors who advised that Counsel might be consulted in the matter. This was agreed to by the Commissioner. Pending the Counsel's advice the above tenders have been rejected and the execution of the work deferred.

CUTTING OUT ROCKY BARRIERS IN THE CHANNEL AT LOVE GROVE.

83. As no tenders have been received for this work it is proposed that the Contractors for the Low Level Channel may undertake this work in continuation of their contract.

SURCHARGING OF SEWERS.

84. The Corporation have referred this matter to Messrs. G. Midgley Taylor and G. Strachan for their opinion.

THE COLABA AIR COMPRESSOR STATION.

85. The machinery of the Compressor Station and the several Ejector Stations worked satisfactorily during the year.

86. The total quantity of sewage lifted during the year amounted approximately to 313 million gallons against 280 millions in 1902-03. The total number of revolutions run by the compressor engines was 34,016,277 against 29,417,709 in 1902-03.

87. 1,160 tons of Heilgey's Anthracite coal at a rate of Rs. 12-5-5 per ton and 26 tons 4 cwts. 3 qrs. and 16 lbs. of liquid fuel at a rate of Rs. 30-10-0 per ton were consumed during the year.

88. The liquid fuel burners supplied by Messrs. W. & A. Graham & Co. as stated in the last year's report were given a fair and extended trial, but in spite of several modifications tending to improve efficiency, the cost of liquid fuel was so much in excess of the expenditure for coal that it was decided in March 1903 to abandon the use of the burners. These were accordingly removed and returned to Messrs. Graham & Co.

89. In the month of July 1903 Messrs. Macbeth Brothers & Co. offered to apply what is known as the "Wilson Smokless Process" to one of the boilers at the station and to work the apparatus free of charge for one month, subject to the condition that should it, in the opinion of the Municipal Commissioner, prove satisfactory, the Municipality should purchase it at a cost of £60, if unsatisfactory the apparatus to be removed and returned.

90. The offer was accepted by the Commissioner and reported to the Standing Committee (*vide* their Resolution No. 2123 of 2nd September 1903). The apparatus was not, however, delivered before the close of the year owing to some further trials and improvements which, it is understood, are being made by the Patentees.

91. New pistons fitted with Buckley's piston rings were fitted to C engine during the year and similar pistons and rings were in process of fitting to B engine at the close of the year.

92. The remaining two new inlet valve boxes and one discharge valve box made in the previous year for No. 3 Ejector Station were fitted to the ejectors at the close of the year, and the renewals in this station are now completed.

93. The type of air admission and discharge valves fitted to the Air Compressor Cylinders of the new engines at the Love Grove Compressor Station being found to give a much better efficiency than those attached to the engines at Colaba, it was considered advisable to try the experiment of modernising one of the engines at the latter station by fitting the new pattern valves and a provision of Rs. 2,600 was accordingly made in the Budget for 1904-05 for their purchase.

94. This station and the Ejector Stations in the Colaba District were transferred from the Special Drainage Branch to the Assistant Engineer, Mechanical Branch, from the 1st December 1903.

THE LOVE GROVE AIR COMPRESSOR STATION.

95. Except for an accident on the 20th June 1903, involving serious damage to No. 3 Compressor Engine, the station worked satisfactorily during the year.

96. At 9 p.m. on the above date the 2nd Engineer on duty had occasion to stop No. 3 engine for the purpose of making a main steam pipe joint in the boiler house, and to effect this he shut off the boiler stop valve, leaving the engine stop valve open to drain the steam out of the pipe. On the completion of the work he opened out the steam from the boiler stop valve forgetful of the fact that he had left the engine stop valve open with the consequence that the engine started and got out of control. The high pressure connecting rod broke in two and the broken end catching against the end of the cross head guide twisted the crank round nearly 90 degrees.

97. The crankshaft for all three cylinders of the engine was originally made in one piece and it appeared at first that it would have to be entirely renewed, but means were afterwards found of making the flywheel between the high pressure and intermediate cranks serve the purpose of a coupling to connect a new high pressure crank to the remainder of the existing shaft.

98. A new crank coupling forging and connecting rod was purchased from Messrs. John Fleming & Co. at a cost of Rs. 690, and the work of forming the flywheel into a coupling fitting the new parts and re-erecting the engine was entrusted to the Municipal Workshops at an estimated cost of Rs. 1,064-13-0.

99. To meet the cost of the foregoing works the Corporation, under their Resolution No. 3447 of the 14th December 1903, approved of a transfer of Rs. 1,754-13-0 from savings in the grant for coals to the grant for repairs to machinery. The work was not completed before the close of the year.

100. Under their Resolution No. 3759 of the 7th January 1904, the Corporation approved of a transfer of Rs. 1,765 from the grant for Coals—Love Grove Pumping Station—to the grant for Stores and Contingencies at the Compressor Station to meet the cost of certain tools and appliances for the equipment of the station.

101. 1,250 tons of Heilger's Anthracite coal at an average rate of Rs. 12-12-6 per ton and 100 tons of Seebpore coal at a rate of Rs. 12-10-6 per ton were purchased for the station during the year. The average daily consumption was 3 tons 13 cwts. 3 qrs. and 2 lbs.

102. "No. 1 Ejector Station, Parel," which is situated close to the Elphinstone Road crossing of the B. B. & C. I. Railway and contains two ejectors each with a capacity of 700 gallons was taken over from the Contractors on the 17th May 1903, and was brought into regular use from that date.

103. "No. 2 Ejector Station, Parel," containing two ejectors of 1,000 gallons capacity each was taken over on the 23rd June 1903 and commenced work from the same date. This Ejector Station is situated on the Chinchpokli Road.

104. "No. 3 Ejector Station, Parel," on the Sewree Road with two ejectors of 600 gallons capacity each, which was taken over on the 17th October 1902, was brought into regular use at the same time as No. 2.

105. Trouble having been experienced with the masonry baffle chambers attached to No. 1 and 2 Ejector Stations, Fergusson Road, and No. 2 Station, Parel, on account of the great volume of exhaust air from such large ejectors bursting open the chambers, they were replaced during the year by cast-iron chambers made at the Municipal Workshops at a total cost of Rs. 884-1-3.

106. A teakwood chauki measuring 12'-0" × 12'-0" containing a desk, vice, bench, and a tool locker was erected by the Workshops in the compound of the Pedder Market for the use of the Mazagon District Ejector Filter at a cost of Rs. 859-4-10. The cost was met from the grant of Rs. 883 provided in the New Works Budget for the year.

107. This station, with all of the Ejector Stations connected therewith, was also transferred from the Special Drainage Branch to the Assistant Engineer, Mechanical Branch, from the 1st December 1903.

D.

DRAINAGE WORKS, ORDINARY BRANCH.

LOVE GROVE PUMPING STATION.

108. Except for one total stoppage of short duration, the engines and pumps worked satisfactorily during the year.

109. This stoppage was caused by the fracture of a pump gland of No 4 engine in the early hours of the morning of the 11th December 1903, at a time when No. 4 was the only engine at work. Difficulty was experienced in charging the pump boxes of No. 1 and 2 engines with the water supply available, and two fire engines had to be called to give assistance.

110. The boxes of No. 2 engine were finally charged with their aid, and the engine was started at 9-40 A. M., the remaining engines being primed with sewage lifted by the working engine in the usual manner and re-started shortly afterwards.

111. The efficiency of the pumps as tested by fortnightly observations taken by the Drainage staff shewed an average of 90 per cent.

112. The combined total number of revolutions of all the engines during the year was 26,063,490 against 29,514,469 in the preceding year and 23,464,251 in 1901-02. This increase of two and a half million revolutions over the figures for 1901-02 represents with approximate correctness the increased percentage of sewage lifted at the station during the past two years owing to the extensions which have been made in the sewered area and the progress made in house connections. The high figures for 1902-03 were, as stated in the last year's report, due in some measure to the inefficiency of the pumps.

113. The following table shews the total quantity of coal of different descriptions consumed during the year with their average rate per ton :—

Description of coal.	Tons.	Average rate.
		Rs. a. p.
Heilger's Anthracite	2,548	12 12 6
Wilson's South Yorkshire	850	16 2 6
Powell Duffryn Cardiff	750	19 10 6
Seebpore Bengal	352	12 11 1
Lodna Bengal	100	13 6 6

114. The average rate per ton for all of these descriptions of coal was Rs. 14-6-1, and the average daily consumption was 12 tons 11 cwts. 1 qr. and 13 lbs. against 13 tons 4 cwts. 2 qrs. and 19 lbs. in the previous year.

115. No. 1 engine was stopped from the 24th December 1903 for the execution of the following works :—

(*a*) Re-boring all steam cylinders and fitting new pistons with Buckley's piston rings ;

(*b*) Re-turning the pump rams and fitting new ram bushes ; and

(*c*) Fitting new pump rods.

116. The work was not completed before the close of the year.

117. Three dozen tube caps for the Babcock Wilcox boilers were purchased from Messrs. James Simpson & Co. at a cost of Rs. 120, and 8 brass sleeves for re-lining the pump rods were ordered from Messrs. Macbeth Brothers & Co. in December 1903 at a cost of Rs. 568-3-6. This latter order was not completed before the close of the year.

118. The "Turnorine" valve faces, the purchase of which as a substitute for "Dermatine" was mentioned in the last year's report, did not give satisfaction, as they wore very rapidly.

119. In November Messrs. Turner, Hoare & Co. submitted three new samples of "Turnorine" of varying qualities for trial. They were at once put into work and were still under trial at the close of the year.

120. Messrs. Bradbury, Brady & Co. also submitted two samples of valves for trial at the end of January 1904. It is hoped that out of these several samples something more lasting than the materials hitherto used for facing the pump valves may be found.

121. An appointment of an additional clerk on Rs. 45 per mensem was made during the year to allow of the Assistant Engineer, Mechanical Branch, taking over charge under the Executive Engineer of the Pumping Compressor and Ejector Stations at Love Grove and Colaba from the Deputy Executive Engineer, Drainage, Special Branch, and the Deputy Executive Engineer, Drainage, Ordinary Branch, and the transfer was effected from the 1st December 1903.

122. A transfer of Rs. 1,765 from savings in the grant for coals to the grant for stores and contingencies, Love Grove Compressor Station, was sanctioned under the Standing Committee's Resolution No. 3633, dated the 23rd December 1903, to meet unforeseen charges for the equipment of the latter station with tools and appliances, &c.

123. On the 27th April 1903 a regrettable accident took place which resulted in an oilman dying on the 4th May from injuries he received. This man entered a pump chamber of No. 1 engine with a naked light without taking the usual precautions and an explosion of sewer gas resulted.

A compassionate allowance of Rs. 100 was made to his widow.

HOUSE DRAINAGE CONNECTIONS.

124. The following street portions of house drainage connections were carried out during the year under review :—

Name of District.	Number of Connections.	Amount.
		Rs. a. p.
Chaupati	2	84 15 7
Colaba	24	457 7 8
Fanaswadi...	4	26 12 4
Dhobi Talao	28	578 4 11
General District	44	3,045 6 4
Kamatipura	6	362 13 4
Khambala Hill	8	870 5 10
Tarwadi	2	29 6 8
Kumbharwada	1	10 3 4
Fergusson Road	33	1,382 3 6
Girgaum	2	85 4 4
Parel	191	6,883 10 1
Mazagaon	103	4,148 7 3
Fort	52	2,442 11 8
Mandvi	32	987 2 2
Umarkhadi	131	4,778 4 6
Market	16	347 2 4
Khetwadi	18	756 6 10
Bhuleshwar	4	225 2 9
Mugbhat	9	171 12 8
Carnac Road	1	33 2 3
Total	711	27,707 2 4

REMODELLING HOUSE GULLIES IN KAMATIPURA.

125. The Corporation under their Resolution No. 11224, dated the 15th January 1903, sanctioned a grant of Rs. 19,196 to meet the cost of remodelling certain house gullies in the Kamatipura district.

126. The Standing Committee under their Resolution No. 2295, dated the 16th September 1903, authorized the Commissioner under Section 72 (3) of the Municipal Act to entrust this work to Messrs. Vishnu Hari Athavale & Co. as part of their contract for works in house drainage connections in various parts of the City. The work was accordingly started on the 14th of November 1903 and was completed by them at the close of the year.

127. The certified expenditure up to the end of the year amounted to Rs. 7,037-9-6.

MANHOLES AND INSPECTION CHAMBERS OVER STORM WATER DRAINS.

128. The construction of manholes and inspection chambers over storm-water drains mentioned in the previous report was completed during the year under review at a total cost of Rs. 6,294-10-6.

129. A further sum of Rs. 3,000 was provided during the year under review for expenditure on the construction of manholes over storm-water drains at the latter end of the year, but this sum could not be expended as the selection of drains over which manholes could be provided out of this grant could not be made in sufficient time.

TIDAL FLAPS ON THE OVOID SEWERS.

130. This work has been fully described in the previous report. The only portion that remained to be completed at the close of the year 1902-03 was the provision of lifting gear to the flaps attached to the double-barrelled sewer in the compound of H. M.'s Mint. This work was finally completed during the year under review.

131. The total expenditure against the grant of Rs. 3,000 for the construction of a tidal flap and the provision of the lifting gear amounted to Rs. 2,235-14-4.

Removing Silt from and Cleaning the Old Main Drain from the Municipal Pipe Depot at Bellasis Bridge Road to the Love Grove Sluice Gates.

132. A sum of Rs. 1,500 was included in the Budget for 1903-04 for the above work. This work was entrusted to Messrs. Dagru Rama & Co., and was completed by them at a total cost of Rs. 839-1-3. The total quantity of silt removed was about 9,589 tons.

Removing Silt from the Worli Channel.

133. A sum of Rs. 2,000 was provided in the Budget for 1903-04 for cleaning the Warli channel. The work was entrusted to Messrs. Bapu Satu & Co., and was completed by them at a total cost of Rs. 1,304-11-2. This work was undertaken for the first time. About 9,112 tons of silt were removed.

Repairing and Cleaning Flushing Tanks, &c., in the Different Parts of the City.

134. In the Budget of the year 1902-03 a sum of Rs. 2,000 was provided for purchase of materials for repairing flushing chambers, flushing cisterns, &c., and putting them in order. Out of this sum about Rs. 302 were spent during the year 1902-03, leaving a balance of Rs. 1,698 available for expenditure in the year under review. The balance was not utilized as (*a*) the flushing chambers did not require any repairs, and (*b*) the flushing cisterns which were defective could not be repaired owing to the want of an establishment to detect defects in them by a systematic inspection of all of them. The Corporation therefore sanctioned a further grant of Rs. 1,665 from surplus cash balance for carrying out this important work (*vide* their Resolution No. 3095 of 16th November 1903). The work was subsequently taken in hand departmentally and was in progress at the close of the year.

PUBLIC LATRINES AND URINALS.

Constructing Latrines at Colaba.

135. This work has been fully reviewed in the last report.

136. The certified expenditure on account of the two sets of latrines, *viz.*, the one at Borah Street and the other at 5th Koli Lane was reported in the last report at Rs. 15,599-14-7. The accounts having been closed during the year under review, the total expenditure amounted to Rs. 19,121-12-10.

Walkeshwar Latrines.

137. As stated in the last report, the construction of the latrines was resumed after the rains were over as advised by the Municipal Solicitors, but the Trustees of the Walkeshwar Temple having again objected to the Municipality proceeding with the work, it had to be stopped and the matter has again been referred to the Municipal Solicitors for their further advice.

138. The certified expenditure up to the end of the year amounted to Rs. 1,801-12-8.

Latrines and Urinals in various Parts of the City.

139. The construction of latrines and urinals out of the grant provided in the Budget for 1902-03 was completed by Messrs. Abdul Husein Camruddin & Co. during the year under review at a total cost of Rs. 10,670-0-2.

140. During the year under review a further sum of Rs. 12,000 was sanctioned for the construction of latrines and urinals in various parts of the City. The tender of Messrs. M. Roshan and Ramji Keshavji & Co. was accepted by the Standing Committee under their Resolution No. 3330, dated the 2nd December 1903, at rates by which the cost will aggregate to Rs. 10,038-3-10 exclusive of road repairs and contingencies. The work was in progress at the close of the year.

141. The certified expenditure up to the close of the year amounted to Rs. 1,349-9-6.

Construction of a Night-soil Depot at Bamnoli.

142. The Corporation under their Resolution No. 1802 of 6th August 1903 sanctioned a sum of Rs. 9,214 for the construction of a new Night-soil Depôt of two hoppers on the site of the old cart filling Depôt. The Standing Committee accepted the tender of Messrs. M. Roshan and Ramji Keshavji & Co. for the work (*vide* their Resolution No. 4372 of 10th February 1904) at rates by which the cost will aggregate to Rs. 7,428-4-8 exclusive of the charges for road repairs establishment and contingencies. The work was commenced at the end of the year.

DRAINAGE, SLUICES, &c.

143. The sluices, penstocks, outfalls, tidal flaps and fair weather connections in charge of this Department were worked satisfactorily during the year with the usual staff, and the expenditure for their maintenance was within the Budget grants.

144. The work of putting up two new sluices (*viz.*, one on the Frere Road drain and the other on the ovoid sewer at Frere Road) which was in progress at the close of the last year was completed in February 1904 at a total cost of Rs. 1,627-0-1.

MISCELLANEOUS.

145. Works to the extent of about Rs. 22,000 were executed departmentally by the Chief Inspector of Drains, and works to the extent of about Rs. 14,000 were carried out through the agency of the Petty Works Contractors.

146. The works in connection with repairs and alterations to, and flushing and cleaning of sewers and drains, generally, and making small additions thereto, were carried out under the supervision of the Chief Inspector of Drains.

147. Daily reports in the prescribed form showing the progress made in the work of cleaning main sewers by means of scrapers were submitted by the Chief Inspector.

148. Three thousand four hundred and fifty-six notices under various Sections of the Municipal Act were served on house-owners to provide sufficient means of effectual drainage, and remedy defects in existing drainage arrangements.

149. One thousand two hundred and eighty-four summonses were issued against house-owners for non-compliance with notices.

150. Common drains were constructed in six general house-gullies under Section 260 of the Municipal Act.

Sanitary Arrangements of Health Camps, Plague Hospitals, &c.

151. Thirty works in connection with the sanitary arrangements of the various Health Camps, Observation Camps, and Plague Hospitals were carried out by the Drainage Branch under the supervision of the Chief Inspector of Drains.

STORES AT BELLASIS BRIDGE DEPOT.

152. The value of stores on hand on the 1st March 1903 was Rs. 2,74,032-10-7; that of the receipts and issues during the year 1903-04 amounted, respectively, to Rs. 39,096-13-9 and Rs. 43,879-4-1, and the value of stock in hand at the close of the year, including surplus and obsolete stores, was Rs. 2,69,250-4-3.

E.

WATER WORKS.

TANSA LAKE.

153. The rainfall for the year 1903 was 103·12 inches, that for the years 1901 and 1902 being 96·15 and 89·87 inches, respectively. On seven days it exceeded 3", and those on which it was from 1" to 3" numbered 28. The lowest level of the Lake during the year was 395·41 T. H. D. on the 29th June 1903, the lowest of the previous three years being 392·84 T. H. D.

154. The total quantity of water received in the Lake, including that which overflowed by the Waste Weir (*viz.*, 34,479 millions of gallons), was 49,087 millions of gallons, or 62·4 per cent. of the rainfall.

155. The quantity of water drawn from the Lake from the 1st of October 1902 to 1st June 1903 was 7,798 millions of gallons, or 37·0 million gallons per day. Of this about 5,832 millions or 24 million gallons a day were delivered into the aqueduct, the balance being lost by evaporation and leakage.

156. Sections were again taken this year to ascertain if it were necessary to protect the foundation of the dam from the effects of the denudation of the ground at the back of the dam caused by the overflow in monsoon, but the conditions were found practically unchanged.

157. The quantity of water which reaches the gauge weir at Ghatkopar, where the supply main starts, is about 21·14 million gallons per day. The balance is lost by leakage, evaporation or discharge at overflow weirs.

158. All the weak portions of the aqueduct have now been strengthened. The dry rubble stone found on the ground has been used throughout, and the work has all been done by the agency of the permanent staff at no extra cost to the Corporation.

159. The Linemen's Chauki at Kosta, which was in a ruinous condition, has been rebuilt during the year.

VEHAR LAKE.

160. The rainfall for the year 1903 was 102·30 inches, those for two previous years, 1901 and 1902, were 75·58 and 72·92, respectively.

161. On 8 days the rainfall exceeded 3", and on 22 it was from 1" to 3".

162. The total quantity of rain which fell on the whole of the drainage area of 3,900 acres was about 9,051 millions of gallons. Of this about 8,510 millions of gallons reached the Lake, or about 94 per cent. of the total rainfall. This is perhaps due to more rainfall in the higher regions than that registered in the rain-gauge.

163. The quantity of water received into Vehar Lake from Tansa Duct was 45 million gallons.

164. The quantity of water drawn from the Lake between 1st October 1902 to 1st June 1903 was 3,217 millions of gallons on an average of 13·24 millions of gallons per day, while that between 1st October 1903 and 21st March 1904 was 2,853 millions of gallons, or 15·7 millions of gallons per day, including evaporation and leakage.

165. The evaporation from the Lake during the seven dry months was as follows:—

1903—	April	...	2·9"
	May	...	3·1"
	November	...	2·7"
	December	...	3·1"
1904—	January	...	3·1"
	February	...	3·9"
	March	...	3·2"
	Total	...	22·0"

in seven months of 212 days. This gives an average of ·104 inch per day, or about 2·93 millions of gallons on mean Lake area of 54,000,000 square feet.

TULSI LAKE.

166. The rainfall for the year 1903 was 129·16 inches, that for the years 1901 and 1902 being 93·62 and 93·19 inches, respectively.

167. On 12 days the rainfall exceeded 3″ and on 22 it was from 1″ to 3″.

168. The total rainfall on the whole drainage area of 1,700 acres was 4,981 millions of gallons. Of this about 4,454 millions of gallons reached the Lake, or about 89 per cent. of the fall.

169. The quantity of water drawn from the Lake from 1st of October 1902 to 1st June 1903 was 1,317 millions of gallons, or 5·46 millions of gallons per day, that from 1st October 1903 to 31st March 1904 is 1,144 million gallons, or 5·28 million gallons per day, including evaporation and leakage.

170. The evaporation in the Lake from April 1903 to March 1904 was as follows :—

1903—	April ...	3·85″
	May ...	4·00″
	November...	3·00″
	December...	3·10″
1904—	January ...	3·10″
	February ...	2·90″
	March ...	3·10″
	Total...	23·05″

171. This gives an average of about ·108 inch per day, equivalent to ·56 million gallons on the mean Lake area of 9,920,000 square feet.

172. During the year there was no burst in the mains of the Salsette Division.

BHANDARWADA (JOHN HAY GRANT) RESERVOIR AND FILTERS.

173. The work of asphalting the floor of filter No. 3 and that of washing and replacing the sand from filters Nos. 3, 4 and 6 were completed. Screens have also been fitted in the inlet channel supplying the filters to prevent fish and other matters in suspension getting into the filters. The Distributing Basin No. 1 was empty and cleaned during the year.

MALABAR HILL RESERVOIR.

174. The work of the construction of three additional filters and reservoir is going on through the agency of Contractor Mr. Bhaskar Shiwram. The progress of the work is far from satisfactory owing to the delays on the part of the contractor. Out of the work of Rs. 1,92,673-11-0 entrusted to the Contractor, work amounting to Rs. 33,151-0-6 is done and paid for during the year under report.

175. The contract period of 18 months for completion of the work will expire on 20th June 1904.

SUPPLY AND DISTRIBUTION.

176. A 4″ main in Khera Tank Road in G Ward, for supplying water to that district, has been laid departmentally. The certified expenditure up to the end of March 1904 was Rs. 276-0-7.

177. A 15″ main as an additional supply main in Elphinstone Road connected at one end with 24″ Vehar main at Bhoiwada Cross Road, and at the other end with 12″ main in new Purbhadevi Road has also been laid, save the portion below the B. B. & C. I. Railway Level Crossing at Elphinstone Road. This portion of the work is delayed pending the settlement of the question as to how the work is to be done and the responsibilities of the Railway Company and the Municipality. The total cost up to the end of the year on this work is Rs. 40,709-2-5. It is also proposed to remove the existing 9″ main from the B. B. & C. I. Railway Level Crossing to new Purbhadevi Road and to relay the same on new Foras Road. This work will be done after the existing service connections are transferred from it to the new 15″ main.

178. The work of replacing the existing 3″ main by 4″ ones in certain portion of B Ward is going on. The certified expenditure on this work up to the end of the year is Rs. 1,050-7-6.

179. The work of laying 4" main in the new Wodehouse Bridge Road, 6" main in roads in Hornby Estate, 9" and 4" mains in Agripada Roads, 4" mains in Connaught Road Scheme, and 4" main in Sankli Street Scheme, has been sanctioned for supplying water to the districts embodied in the City Improvement Schemes, but the same is delayed as some of the roads are not yet constructed, and others, although constructed, are not taken over by the Municipality.

180. The laying of 9", 4" and 3" mains in 1st Nagpada District and 4" main in Scheme No. II (Lohar Street), is also sanctioned, and a draft contract for the supply of the pipes for the work has been submitted for the approval of the Commissioner.

181. 9" and 6" mains are also sanctioned to be laid in new Siwri Road, and this work will also be done after receipt of the pipes, contract papers for which have also been submitted to the Commissioner for approval.

182. As the question regarding the advisability of adopting the steel piping in preference to cast-iron piping has not yet been decided, the works of providing and laying 32" and 22" steel mains connecting 48" Tansa main with Malabar Hill (*viâ* Arthur Road, Tardeo Road, Forjett Street, Gowalia Tank Road and Gibbs Road) of supplying and laying 32" outlet main from Malabar Hill to Chaupati and 18" steel main to Bhandarwada *viâ* Reay Road, are delayed.

183. The work of laying the following cast-iron mains has also been delayed pending the decision as regards the larger mains referred to in the preceding para. :—

(*a*) 18" main from Kalachauki to Bhandarwada (about half distance),

(*b*) 9" and 10" mains in Grant Road,

(*c*) 9" main in Tardeo and Forjett Street, and

(*d*) 9" main in Reay Road.

184. During the year under report an understanding has been arrived at between the Government, Railway Company and the Municipality as to the diversion of the 32" Vehar main from the limits of the G. I. P. Railway compound, and the Corporation has sanctioned the work. Tenders for the supply of pipes, special castings, &c., and for embankments, culverts, &c., have been invited and the work will soon be started. In relaying the pipes it is proposed to lay 48" main instead of 32" between Kurla Station and the 48" Tansa main to a distance of about 4,515 feet, so as to join it with the new 48" steel pipe which is proposed to be laid between Kurla and Vehar.

List of Bursts repaired during 1903-04.

185. There were 70 bursts during the year as against 116 in 1902-03 :—

41	bursts on	3"	main.
18	,,	4"	,,
4	,,	5"	,,
2	,,	6"	,,
1	,,	10"	,,
1	,,	12"	,,
3	,,	32"	,,
70			

186. The number of new connections made during the year was 329, and that of the connections cut off for various reasons 179. The net increase, therefore, in the connections is 150 or 0·7 per cent. The total number of connections now stands at 20,833.

187. The annual increase in the number of connections in the last three years has been as follows :—

1901-02	...	158	0·8
1902-03	...	131	0·6
1903-04	...	150	0·7

188. The total number of meters at present in use is 2,208, of these 2,521, or about 78 per cent., were removed and tested at the works during the year with the following result :—

	Number.	Percentage of tested.	Percentage of that found defective.	Percentage of total in use.
Stopped owing to internal parts being worn out	192	7·61	22·20	5·98
Slow owing to internal parts being wornout	372	14·76	21·27	5·74
Stopped owing to dirt	184	7·30	21·27	5·74
Slow do.	60	2·38	6·94	1·87
Fast	20	0·79	2·31	0·62
Tampered with	37	1·47	4·28	.....
Correct	1,656	65·69	.....	.....
Total ...	2,521	100·00	78·27	19·95

189. These figures do not include a large number examined on the spot and found to be working accurately.

190. The number of meters tested exceeded by 428 those of the previous year which was 2,093, and defective meters were found to number 865. The percentage of the whole number of meters in use found in any way defective was 26.

Waste Prevention.

191. The examination of mains by means of Deacon's meters, sounding, etc., has proceeded as usual. 147 lines of main were tested by Deacon's meters in addition to those examined by the Special Officer during the year, and 4,722 notices were issued for defective pipes and fittings.

FINANCIAL.

192. The Budget grant allowed for the year under the Head of Maintenance Water Works was Rs. 2,06,245, which, with the lapsed grants renewed and the transfers sanctioned, amounted to Rs. 2,32,654-3-8. The expenditure against this, incurred and paid for during the year, amounted to Rs. 2,24,930-1-0. A portion of the unexpended balance will be renewed in 1904-05 to meet the liabilities incurred but not paid for during the year.

Works done for Municipal Departments and Private Parties.

193. The amount of works executed during the year was as follows :—

	Bill Nos.	
Departmental Works	1426	Rs. 74,567 10 6
Private Works	302	„ 8,158 10 11

STORES AT CHINCHPOKLI.

194. The value of stores on hand on the 1st March 1903 was Rs. 3,87,836-13-6; that of the receipts and issues during the year 1903-1904 amounted, respectively, to Rs. 1,12,813-12-6 and Rs. 1,16,271-7-0, and the value of stock in hand at the close of the year, including surplus and obsolete stores, was Rs. 3,84,379-3-0.

F

REGULATION OF STREETS AND BUILDINGS.

BUILDING APPLICATIONS.

195. The number of applications for permission to either build or rebuild houses, &c., during the year under report amounted to 2,605, or 125 more than those received during the preceding year. Of these 2,533 were passed either wholly or subject to certain conditions, and 72 were entirely disapproved.

NOTICES AND SUMMONSES ISSUED.

196. During the year under review 3,038 notices were issued on house-owners under various Sections of the Municipal Act, or 773 less than those issued during the previous year.

197. Prosecutions were instituted in the Magistrate's Court in 443 cases under different Sections of the Municipal Act against the house-owners who failed to comply with the notices served upon them by this Department.

198. In 109 of these cases the parties complied with the terms of the notices served upon them, in 218 they were warned and discharged, in 100 cases they were convicted and fined, and 16 cases were postponed to a date after the end of the current year.

199. The amount of fines realized was Rs. 1,003-0-0.

200. The following statement shows the different Sections of the Act under which offenders were prosecuted, and the other details of prosecutions during the year 1903-04 :—

Wards.	Sections of the Act.	Number of Prosecutions.	Cases withdrawn as requirements were complied with, &c.	Persons warned and discharged.	Persons convicted and fined.	Cases postponed to next year, 1904-1905.	Amount of Fines.
							Rs. a. p.
The Superintendent, A & D Divisions.	231	2	2	...	...	...	.....
	247	2	1	...	1	...	10 0 0
	308	2	2	...	...	...	.....
	311	1	...	...	1	...	1 0 0
	347	59	21	30	6	2	151 0 0
	353	11	3	4	3	1	20 0 0
	354	20	5	15	...	...	.....
	By-law 29	5	...	3	2	...	15 0 0
	,, 34	1	1	...	...	...	.....
	,, 40	8	2	5	...	1	.....
The Superintendent, B & C Divisions.	250	1	...	1	...	...	.....
	251	1	...	1	...	...	.....
	257	1	...	...	1	...	10 0 0
	308	2	...	1	1	...	5 0 0
	308 & 309	3	...	2	1	...	10 0 0
	311	5	...	4	1	...	5 0 0
	312	2	1	...	1	...	50 0 0
	313	3	1	...	2	...	20 0 0
	322	17	7	9	1	...	3 0 0
	347	98	15	54	25	4	291 0 0
	353	17	3	7	5	2	50 0 0
	354	8	1	3	4	...	55 0 0
	By-law 29	4	...	1	3	...	30 0 0
	,, 34	2	...	2	...	...	.....
	By-laws 34 & 36	5	...	2	3	...	20 0 0
	By-law 36	6	1	1	2	2	3 0 0
	,, 40	7	...	4	3	...	25 0 0
The Superintendent, E, F & G Divisions.	231	8	4	3	1	...	5 0 0
	247	14	6	3	5	...	32 0 0
	308	3	...	3	...	...	.....
	312	1	...	...	...	1	.....
	322	1	1	...	...	...	.....
	347	91	24	44	21	2	167 0 0
	353	24	7	12	5	...	18 0 0
	354	5	1	1	2	1	12 0 0
	By-law 29	1	...	1	...	...	.....
	,, 39	2	...	2	...	...	.....
Total ...	.....	443	109	218	100	16	1,003 0 0

UNSAFE OR RUINOUS BUILDINGS.

201. During the year under report 372 notices were issued for the removal of unsafe, dangerous, or ruinous buildings which were all complied with either partly or wholly. Notwithstanding this, 25 buildings or parts of buildings unobserved by the officers of the Building Department fell down. Fortunately no injury was done to life in 21 of these, but in four cases five persons were killed and seven injured.

REMOVAL OF RUINOUS HOUSES, HUTS, OBJECTIONABLE CONSTRUCTIONS, DOORS, PROJECTIONS AND ENCROACHMENTS ON STREETS.

202. Action was taken under various Sections of the Municipal Act for the summary removal of ruinous houses and huts of objectionable construction, and of doors opening outwards, projections and encroachments on streets, &c., with the following results :—

Number of cases in which action has been taken departmentally	652
Number of cases executed by house-owners or withdrawn	1,998
Number of cases in which action is pending	147
Total Number of Cases ...	2,797

STREET IMPROVEMENT OR SET-BACKS.

203. The amount allowed for street improvement for the year 1903-04 was Rs. 1,00,000, which together with the grant for previous years renewed during the year amounted to Rs. 1,68,424-5-6. Out of this amount Rs. 1,12,128-7-5 were actually paid during the year.

204. The following statement shows the areas and values of grounds added to streets in each ward during the year under report :—

			Rs.	a.	p.
201·61	square yards in	Ward A	25,562	4	0
413·04	„	„ B	30,390	6	3
683·19	„	„ C	39,949	13	4
1,140·66	„	„ D	19,875	4	7
901·68	„	„ E	7,916	4	7
406·84	„	„ F	1,944	2	5
42·05	„	„ G	81	8	9
Total Square Yards... 3,789·07		Total ... Rs.	1,25,719	11	11

G.

ROADS, FOOTPATHS, &c.

REPAIRS AND MAINTENANCE.

Road Repairs.

205. The following statement gives the items of works executed out of the sanctioned grant for road repairs and maintenance :—

Particulars.	Quantity of work done in square feet.	Expenditure. Rs. a. p.
Metalling	11,323,207	2,80,379 10 0
Sandstoning	3,930,966	9,806 4 4
Scraping	.....	46,252 9 1
Repairs and maintenance of footpaths, bridges, culverts and roadside retaining walls	.....	16,035 13 4
Roadside trees, fencing and maintenance	.....	6,075 10 8
Repairs to, and purchase and maintenance of, tools and plant and other works incidental to the work of repairs to roads, footpaths, &c.	.....	24,189 0 2
Unexpended balance...	.....	9,998 9 9
Total Sanctioned Grant ... Rs.		3,93,737 8 11

206. The area of roads metalled during the year under review being 11,323,207 square feet and the expenditure incurred upon the same being Rs. 2,80,379-10-0, the rate for metalling works out to 4·75 pies per square foot.

Road Metal.

207. The total quantity of metal purchased during the year under review was 1,301,514 cubic feet at a cost of Rs. 76,463-15-2.

New Roads.

208. The following 5 roads were taken over by the Municipality from the Bombay Improvement Trust and declared public from the dates noted against them :—

New Nagpada Road 1st Pirkhan Street	22nd January 1903.
2nd Pirkhan Street. 3rd do. do. 4th do. do.	16th January 1904.

Road-watering.

209. The road-watering grant for the year, excluding that of providing new pattern hydrants, was Rs. 60,000.

210. As stated in the previous report, the new system of watering by hose has proved more satisfactory than the former one of watering by means of bullock carts, and will be more efficient when the constant supply at high pressure can be introduced throughout the City.

Tree Planting.

211. Out of the grant of Rs. 5,000 provided in the Budget, 902 trees with tree-guards were provided along different roads in the City.

Footpaths.

212. The work of laying artificial stone pavement along Colaba Causeway and Mint Road, which was in progress last year, was completed during the year.

213. A grant of Rs. 5,000 was provided for paving with buff Shahabad stone, the footpath at Falkland Road between Gilder Street and Foras Road. The work was in progress at the end of the year.

Tramways.

214. No extension was made in the existing Tramway tracks during the year under review.

H.

PUBLIC LIGHTING.

GAS LIGHTING.

215. The total number of gas lamps in the City at the end of the year under report was 4,042 as detailed in the following statement, and the total cost of lighting has been Rs. 2,33,098-13-2.

Ward.	Single Light.		Double Lights.				Triple Lights.		Quadruple Lights.		Quintuple Lights.					Total number of Lamps.
	Part month.	Whole month.	Apollo Pier.	Free Fountain.	Wellington Fountain.	Kharshedji M. Shroff's Statue.	Part month.	Whole month.	Apollo Pier.	Victoria Dock.	Hornby Road.	Queen's Statue.	Mint Road.	Prince's Dock.	Church Gate Street.	
A	814	159	8	8	8	...	2	1	8	...	1	4	1	...	1	1,097
B	470	200	...	...	...	...	1	...	...	4	...	...	...	1	...	694
C	433	219	...	...	...	...	...	1	...	...	...	...	...	...	...	655
D	666	44	...	...	...	...	7	...	...	...	...	...	...	...	...	731
E	535	58	...	...	...	4	2	...	...	...	...	...	...	...	...	607
F	113	10	...	...	...	...	1	...	...	...	...	...	...	...	...	126
G	126	16	...	...	...	...	...	...	...	...	...	...	...	...	...	142
Total ...	3,157	706	8	8	8	4	13	2	8	4	1	4	1	1	1	4,052
Total No. of Burners ...	3,157	706	16	16	16	8	39	6	32	16	5	20	5	5	5	
Deduct—Ordinary lamps not converted into Incandescent ones																10
															Total ...	4,042

216. The minimum contract pressure was maintained during the year. The lighting of the City was however not very satisfactory, as besides local causes tending to dim or imperfect lighting, a large number of mantles in the gas lanterns were damaged by a species of locust, and had to be renewed by the Gas Company free of cost as provided in their Contract.

217. During the year under review 37 new gas lamps were put up along the roads detailed below, including the 10 lamps at 2nd, 3rd, and 4th Pirkhan Lanes taken over from the Bombay Improvement Trust :—

Locality.	Part month.	Whole month.	Total.
Khetwadi 11th Lane	1	.....	1
Falkland Road 8th Cross Lane...	2	.....	2
Kompta Street	1	.....	1
Clerk Road	3	.....	3
Vanka Moholla	1	.....	1
Bhandari Street	1	.....	1
Colaba Road	1	.....	1
Upper Colaba	13	.....	13
King Lane	1	.....	1
Sassoon Dock Road No. 1	2	.....	2
Grant Road, South	1	.....	1
Pirkhan 2nd, 3rd and 4th Lanes	10	.....	10
Total Number ...	37	.....	37

KEROSINE OIL LIGHTING.

218. As in preceding years, the kerosine oil lighting was carried out Departmentally. For the greater part of the year, Snow Flake Kerosine Oil 150° was used, but with a view to introduce lower grade oil for street lighting, 1,280 drums of 125° Kerosine oil were purchased in January 1904, and some of the streets were lighted with that class of oil.

219. The total number of kerosine oil lamps in the City at the close of the year under review was 1,765 as shown below :—

Ward.	Double Wick.		Single Wick.		Total.
	Part month.	Whole month.	Part month.	Whole month.	
A	18	...	6	25	49
B	17	...	112	51	180
C	30	...	2	86	118
D	71	...	43	30	144
E	130	...	217	180	527
F	110	...	308	2	420
G	29	36	224	38	327
Total Number ...	405	36	912	412	1,765

220. The total cost of kerosine oil lighting during the year was Rs. 38,592-3-1. Deducting from this Rs. 2,113-5-11 recovered by sale of empty kerosine oil cases with tins, &c., Rs. 2,607-12-9 for Departmental bills for lighting health camps, &c., and Rs. 51-15-9 as miscellaneous recoveries from private parties for breakage of lanterns, posts, &c., the net cost of kerosine oil lighting during the year has been Rs. 33,819-0-8, which gives a rate of Rs. 19-2-7 per lamp per annum.

THE ELECTRIC LIGHT INSTALLATION IN THE MUNICIPAL OFFICES AND CRAWFORD MARKETS.

221. The installation worked very satisfactorily throughout the year. With the exception of a stoppage of 12 minutes' duration in the early part of the evening of the 4th November 1903, to replace a broken belt of the Municipal Office dynamo, there was not a single failure of the lights during the year.

222. In consideration of the fact that the plant has now been at work for 10 years and that there is no part of it in duplicate, this may be considered a noteworthy performance.

223. It must be remarked, however, that the wiring of the Municipal Office Building is now very defective and several of the circuits were condemned by the Government Inspector at the time of his inspection in June. The materials and workmanship were not in the first instance of the very highest class, and the combined effects of the damp, age, and white ants make it necessary to renew the wiring at a very early date. Estimates for renewing the wiring suitable for subsequent connection to the Brush Company's mains have been submitted, but no orders regarding them were received upto the close of the year.

224. Three thousand seven hundred pairs of carbons for the Arc lamps in the Crawford Markets were purchased from Messrs. John Fleming & Co. in July 1903, at a cost of Rs. 443. A new main driving belt from Messrs. Crowder and Co., and a new link leather belt for the Crawford Market Arc lighting dynamo from Messrs. Navroji Wadia and Sons were also purchased during the year at a cost of Rs. 325 and Rs. 214, respectively.

225. The repair and re-adjustment of five Arc lamps from the Crawford Market was carried out by the Bombay Electric Company at a cost of Rs. 140 between January and March 1904.

226. The total cost of working the installation was within the Budget apportionment and amounted to Rs. 11,808-13-8.

I.

MUNICIPAL WORKSHOPS.

227. The following are the particulars of expenditure incurred during the year for departmental and private works executed at the Municipal Workshops and for supervision and shop charges, tools and repairs to machinery, buildings, &c. :—

	Rs. a. p.	Rs. a. p.
For Departmental Works, &c.—		
Labour	41,722 12 4	
Stores	59,137 12 5	
Piece-work, cart-hire, &c.	1,124 13 0	
		1,01,985 5 9
For Workshops & Stores—		
Labour	610 12 6	
Stores	2,332 7 7	
		2,943 4 1
For Shops Charges—	Rs. a. p.	
Labour	2,611 2 11	
Stores	9,449 11 3	
Telephone connections—		
(Rs. 175) and a Roots Acme Blower (Rs. 810) ...	985 0 0	
Piece-work, contingencies, &c.	60 0 0	
	12,505 14 2	
For Tools, Repairs to Machinery, Buildings, &c.—		
Stores	7 10 2	
	7 10 2	
For Supervision Charges, Establishment, &c.—		
Establishment	7,552 15 5	
Stores	1,080 0 0	
Contingencies	472 9 2	
	9,105 8 7	
Total expenditure for working the Shops ...		21,619 0 11
Total expenditure during 1904-1905 was ...		1,26,547 10 9
The total expenditure during 1903-1904 on account of Departmental works, &c. (Rs. 1,01,985-5-9), and for Workshops and Stores, jobs (Rs. 2,943-4-1) aggregated, with the amount charged for supervision, tools, shops and repair charges, &c. (Rs. 36,100-4-3), to		1,41,028 14 1
Add—Amount of incomplete jobs at the beginning of the year 1903-1904 ...		3,651 10 4
		1,44,680 8 5
Deduct—Amount of incomplete jobs at the end of the year 1903-1904 ...		3,211 13 1
Thus the total amount of bills preferred by the Workshops in 1903-1904 was		1,41,468 11 4

PERCENTAGE FOR SUPERVISION, SHOP, REPAIR CHARGES, &c.

	Rs. a. p.	Rs. a. p.
The total charges for the general working of the shops (Rs. 12,513-8-4) and for supervision, exclusive of the pay of the Assistant Engineer, Mechanical Branch (Rs. 9,105-8-7), amounted to		21,619 0 11
The amount recovered on account of the abovementioned expenses by charging the fixed percentage of 35 per cent. on the cost of labour employed and materials used for works executed at the shops was	35,694 14 4	
The difference between the actual cost of working the Municipal pumping engines, plus 35 per cent. for supervision, repairs, &c., and the fixed charges at which they were let on hire to private parties and for Departmental works was.	405 5 11	
The amount realized by the sale of surplus and unserviceable articles, coal ashes, &c., was	1,659 2 10	
The balance in favour of the Workshops was therefore...		16,140 6 2
Total Rs. ...	37,759 7 1	37,759 7 1

228. The suit filed by Government in the High Court, in 1902, for the recovery of the ground occupied by the Health Department Stables and the Workshops was heard at the close of the year under report, and was decided against the Municipality. An appeal is to be filed against this decision.

229. The following are the principal items of new works completed during the year :—

Description of Work.	Amount.
	Rs. a. p.
Making 2 penstock gates for the Frere Road and Carnac Road sewers	1,627 0 1
Do. 3 sets of wheels for Morewother Fire Engines, 3 sets of wheels for Shand Mason fire engines, and 3 copper stand-pipes with hydrant keys, and bars	1,195 9 7
Do. 2 infectious diseases vans	1,156 9 5
Do. 3 teakwood plan cupboards for the Executive Engineer's Office	423 2 1
Do. 50 dust-bin carts	4,973 3 5
Do. 15 drain carts	2,236 15 4
Do. 22 night-soil carts	5,455 9 9
Do. and fixing expansion pipes at Nos. 1 & 2 Ejector Stations, Fergusson Road ...	307 13 4
Do. and fixing cast-iron baffle chambers at Nos. 1 and 2 Ejector Stations, Fergusson Road	597 1 8
Do. a steam meat van body	498 14 7
Do. a teakwood chauki for the Ejector fitter at Mazagon	781 12 9
Do. 1 infectious disease van	579 5 2
Erecting mandaps, &c., for the election of a Councillor in A Ward	362 13 2
Do. do. do. Municipal General Election	1,340 10 10
Making 50 garden benches for the Victoria Gardens	1,228 9 11
Do. 2 cupboards, 2 writing tables and 12 chairs for the Drainage Branch	304 10 3
Do. a 6-inch double-barrel hand-pump for Chief Inspector of Drains	389 6 3
Do. 425 cleaning rods for do. do. do.	343 5 8

230. The following are the principal items of new works which were in progress, but were not completed before the close of the year :—

Description of Work.	Estimated Cost.	Expenditure up to 28th February 1904.
	Rs. a. p.	Rs. a. p.
Converting 3 old boilers into air receivers and fixing them in position at the Love Grove Compressor Station	246 0 0	807 12 4
Making 20 benches for the Khote footpath	440 0 0	334 13 2
Renewing the high-pressure crankshaft and connecting rod of No. 3 engine, Love Grove Compressor Station	1,064 13 0	*Nil.*
Supplying cupboards, fire-hose, lubricators, &c., for the Love Grove Compressor Station	568 0 0	106 12 9
Making two show cases, temporary stand for skeleton of whale, &c. for the Victoria and Albert Museum	521 0 0	2 7 9

231. In addition to the above works the Workshops have continued to keep in repair the rolling-stock of the Health, Road, and Drainage Departments, the machinery of the Love Grove Pumping and Compressor Stations, the Colaba Compressor Station, the 12 Ejector Stations in the Parel, Fergusson Road, Mazgaon, and Colaba Districts, steam rollers, fire engines, electric light machinery, &c.

232. The following new machinery for the Workshops was purchased during the year :—

(1) One 8-inch sliding, surfacing and screw-cutting lathe, made by Messrs. Dean, Smith & Grace, and supplied by Messrs. Turner, Hoare & Co., at a cost of Rs. 1,747. This purchase was made from the grant of Rs. 2,200 provided in the New Works Budget for the year.

(2) One 10-inch Roots Acme Blower, made by Messrs. Samuelson & Co., and supplied by Messrs. Alcock, Ashdown & Co., at a cost of Rs. 810. The cost was met from a provision of Rs. 1,000 from Workshops profits sanctioned under the Corporation's Resolution No. 2635 of the 12th October 1903.

233. The grant of Rs. 70,000 for stores being found insufficient on account of the large number of new carts made for the Health Department during the year, the Corporation under their Resolution No. 83, dated 11th April 1904, sanctioned a supplementary grant of Rs. 3,000 from surplus cash balance, subject to the amount being subsequently adjusted against Departmental grants.

234. For the same reasons, as stated in the preceding para, the grant of Rs. 6,000 for Extra and Overtime Labour was also insufficient, and transfers of Rs. 2,250 and Rs. 1,000 from the grant for Establishment were sanctioned under the Standing Committee's Resolutions Nos. 2950, dated 4th November 1903, and 4504 of 19th February 1904, respectively, to meet the additional charges.

235. A further transfer of Rs. 100 from the grant for Establishment to meet excess charges under the grant for Contingencies, Stationery, Printing, &c., due to the printing of new forms, required by the Revised Stores Rules, was sanctioned under the Standing Committee's Resolution No. 5009, dated 16th March 1904.

THE HYDRAULIC LIFT SERVICE.

236. The Hydraulic Lift in the Municipal Office worked satisfactorily during the year at a total cost of Rs. 1,696-15-2.

THE MOTOR MEAT VAN.

237. Under their Resolution No. 7088, dated the 9th October 1902, the Corporation sanctioned a grant of Rs. 12,500 for the purchase of a motor van for transportation of meat from the Bandora Slaughter Houses to Bombay, and for making a body for the van in the Municipal Workshops.

238. Tenders for a 3½-ton Thornycroft Standard Steam Wagon were invited, and the Standing Committee, under their Resolution No. 10050, dated the 17th December 1902, sanctioned the purchase of the wagon from Messrs. Marsland, Price & Co. at a cost of Rs. 11,795.

239. The wagon was received on the 14th May 1903, and after its erection a van body, complete with hooks, &c., for hanging the meat, was made for it at the Municipal Workshops at a cost of Rs. 498-14-7.

240. Trials of the van were commenced in July and were successful in every way, but they had to be prolonged for a greater period than was at first anticipated for the proper training of a driver.

241. A regular service was commenced from the 1st October 1903, and from that date up to the 29th February 1904 the van carried the following number of carcasses of mutton per month :—

Month.	Number of Carcasses carried.	Working days per month.	Remarks.
1903.			
October	6,263	28	The van was stopped on the 10th at Dadar owing to the seizing of an eccentric strap, and had to be towed to the Workshops by a steam roller. It was not run on the 11th under orders from the Superintendent of Markets, and was stopped on the 24th for washing out boiler.
November	7,991	28	Stopped on 7th and 21st for washing out boiler.
December	8,166	29	Stopped on the 5th and 19th for washing out boiler.
1904.			
January	6,933	28	Stopped on the 2nd, 16th and 30th for washing out boiler.
February	5,117	21	Stopped from 13th to 20th for renewal of brasses.
Total ...	34,470	134	

242. At the time of submitting proposals to the Corporation for the purchase of the van, it was estimated that the cost of carriage would be 5 annas 11·7 pies per ton-mile against the average of 5·45 per ton-mile actually paid for the bullock service during eight years from 1892-93 to 1899-1900, and that the monthly expenses for a 26 days' working month would be as follows :—

	Per Month. Rs. a. p.
Interest on Capital at 4 per cent.	41 10 8
Sinking Fund at 4 per cent. compound interest, 15 years' purchase...	51 15 8
Coal 3 cwts. per day at Rs. 22-8-0 per ton	87 12½ 0
Oil and Stores	20 0 0
Repairs	45 0 0
Driver	45 0 0
Fireman	15 0 0
Total Rs. ...	306 6 4

243. Inclusive of interest and sinking fund at the rates entered in the preceding para., the actual cost has averaged 5·63 annas per ton-mile during the five months the van has been at work, and the average monthly expenses have been as follows :—

	Rs. a. p.
Interest on Capital at 4 per cent.	41 10 8
Sinking Fund	51 15 8
Coal and Stores	95 11 9
Repairs	24 14 4
Establishment	58 10 4
Total Rs. ...	272 14 9

244. Exclusive of interest and sinking fund the average cost was 3·7 annas per ton-mile and the average monthly expenditure Rs. 179-4-5.

245. It will thus be seen that the van has so far fulfilled all expectations from a financial point of view, and the same may also be said in regard to its working; for, apart from the one serious failure on the 10th October, which caused delay in the delivery of the meat at the Crawford Markets, and another short delay due to the sinking of one of the wheels into an insufficiently consolidated excavation, there have been no unforeseen stoppages of any kind. It has also to be remembered that had there been more than one van in the service, the disabled van could have been towed to its destination with only a slight delay by one of the other vans.

246. The total cost of working the van up to the end of the financial year, inclusive of the cost of trials, was Rs. 1,055-12-5. This was met by transfers of Rs. 390-15-5, Rs. 702-0-0 and Rs. 293-3-7 from savings in the grant for Feed of Bullocks, Markets and Slaughter Houses, to the grants for Meat Carriage drivers, Stores and Repairs, respectively, under the Standing Committee's Resolutions Nos. 2554, 2555 and 2556, dated the 7th October 1903.

J.

GENERAL.

BILLS, VOUCHERS, &c., RECEIVED AND PASSED.

247. Comparative statement of the number of bills, vouchers, &c., received, examined and passed during the five years from 1899-1900 to 1903-1904 :—

Description.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.
Bills for Supplies, Works, &c.	11,032	11,010	14,535	16 640	19,818
Departmental Works Bills	4,009	4,463	5,074	5,046	5,879
Private Works Bills	2,274	2,339	1,709	2,330	2,885
Total ...	17,315	17,812	21,318	24,010	28,582

NOTICES, &c., ISSUED.

248. Comparative statement of the number of notices, &c., issued during the five years from 1899-1900 to 1903-1904 :—

Section of the Municipal Act.	Description.	1899-1900	1900-01.	1901-02.	1902-03.	1903-04.
	Street and Building Branch.					
231	To provide rain-water eaves, gutter and down pipes ...	467	405	99	78	35
247	To provide water-closets, privies or urinals	15	9	25	41	23
257	To remove encroachments on drain, cess-pool, house gully, privy, urinal, &c.	20	3	4	6	...
299	Intimation to take possession of land outside building for street improvement	28	41	51	74	89
305	To level, metal or pave drain and light private streets ...	...	...	...	76	5
308	To remove new projections	132	132	109	138	51
308-309	To remove new projections as well as old ones	...	...	...	...	11
309	To remove old projections	2	2	1	1	...
311	To remove or alter door, gate, bar or window opening upon a street	56	23	21	9	15
329	To repair, protect or enclose wells or dangerous places ...	5	7	2	4	6
349	To remove inflammable materials in external walls and roof covering	621	907	352	773	484
351	To remove, alter or pull down structures erected without Municipal approval or to submit plans for the same ...	483	19	36	33	32
351(1)(a) &(2)	To remove unauthorized works	...	7	9	12	...
353	To alter buildings erected or to amend works done contrary to the provisions of the Municipal Act or Building Bye-laws	362	354	307	220	198
354	To pull down ruinous houses	312	568	367	318	372
380	Removing or altering insanitary huts or sheds	957	786	320	407	519
388	To cut and trim trees, shrubs and hedges	5	4	3	12	2
488	Intimation of intention to enter houses after 24 hours' notice	2,026	2,471	1,343	1,468	1,120
351 (2)	Intimation of intention to enter houses after 48 hours' notice	...	...	...	...	8
298 (2)	Intimation of intention to take possession of land occupied by buildings, &c.	...	...	...	...	1
By-law 40	Infringement of the provisions of the Building Bye-laws.	...	...	...	...	67
		5,491	5,738	3,049	3,665	3,038

Notices, &c.—*continued.*

Section of the Mul.Act.	Description.	1899-00.	1900-01.	1901-02.	1902-03.	1903-04.
	Drainage, Ordinary Branch.					
222	For laying Municipal drains through or under land belonging to private parties....	6	47	15	8	43
223	For erecting buildings, &c., without permission over drains.	...	...	...	...	1
230	To carry drains through land belonging to other persons.	8	5	13	11	19
231	To drain undrained premises within a hundred feet of a Municipal drain	1,239	1,830	3,500	3,000	2,125
231&260	To drain undrained premises through the Municipal Agency	48	...	...	...	...
232	To drain undrained premises not within a hundred feet of a Municipal drain	100	34	51	52	21
232&257	To provide effectual drainage to new buildings	1	...	...	...	...
234	For erecting new buildings without drains	...	...	...	...	41
238	To declare joint ownership of a drain	4	3	14	16	7
244	To affix shafts or pipes or ventilation of drains, &c. ...	16	4	17	15	5
257	To renew, repair, &c., drainage of houses	1,390	584	337	1,344	1,155
257&260	To execute repair, &c., to drain, cesspool, &c., through the Municipal Agency	...	527	...	...	...
258	To prohibit contraventions generally of the provisions of Chapter IX of the Municipal Act	9	5	5	3	5
358	To prohibit the use of any bad material, appliance or fitting by Licensed Plumbers	8	7	51	41	26
488	Entering premises for surveying, &c.	...	...	...	...	8
		2,829	3,035	4,003	4,490	3,456
	Drainage, Special Branch.					
222	For the acquisition of land for making drains	...	...	...	...	77
244	For erecting or affixing pipes for ventilation of drains, &c.	...	...	...	...	21
		...	...	...	...	98
	Water Branch.					
278 (2)	To repair and stop leakage of water from taps, service pipes, &c.	5,932	5,672	4,885	4,452	4,723
...	For transferring connections from one main to another ...	4	1	90	...	...
279	To fix meters to service pipes	231	323	277	227	392
284, 285 & 171	To stop wastage of water from taps, &c.	21	48	33	4	...
	Total ...	6,178	6,044	5,285	4,683	5,114

LETTERS, &c., RECEIVED AND DESPATCHED.

249. Comparative statement of the number of letters, references to Inspectors, &c., received and despatched during the five years from 1899-1900 to 1903-1904 :—

Departments.		1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.
General and Street and Building Branches	Inward	89,214	91,225	81,384	90,210	99,675
	Outward	1,02,599	97,484	83,108	95,139	103,825
Drainage, Ordinary Branch ...	Inward	45,071	34,469	44,459	49,968	54,569
	Outward	43,928	33,568	45,162	50,638	50,578
Drainage, Special Branch ...	Inward	...	7,652	9,210	5,799	3,168
	Outward	...	6,450	7,421	4,889	3,964
Water Branch	Inward	14,291	23,768	37,355	29,778	31,464
	Outward	14,733	25,086	26,714	29,162	31,213
	Total ...	310,836	319,652	324,813	355,573	378,451

SUMMARY OF CLERICAL WORK DONE BY THE DIFFERENT BRANCHES.

250. The following is a summary of clerical work done by the different branches of the Department during the year :—

Consecutive No.	Description of Work.	General and Street and Building Branches.	Workshops.	Drainage, Ordinary Branch.	Drainage, Special Branch.	Water Works.	Total.
1	Letters, &c., received, including replies to references to Inspectors, &c.	83,965	2,854	54,569	3,163	31,464	188,871
	H. I.B	12,856					
		96,821					
2	Letters, &c., despatched, including references to Inspectors for report	82,066	4,293	50,578	3,964	31,213	189,580
	H. I. B.	17,466					
		99,532					
3	Notices issued	3,088	...	3,456	98	5,114	12,427
	H. I. B.	721					
		3,759					
4	Summonses issued	443	...	1,284	...	...	1,727
5	Contracts for annual and other supplies and for the construction of various works executed	40	...	9	11	4	64
6	Leases of various rights sold	10	...	7	...	22	39
7	Vouchers received and passed	3,100	457	8,779	626	1,801	19,818
	H. I. B.	55					
		3,155					
8	References made to Inspectors, &c., for certificates on vouchers	2,479	...	4,821	340	1,501	9,141
9	Reports and certificates received from the Inspectors, &c.	2,445	...	4,805	340	1,501	9,091
10	Departmental and private works bills prepared or received, checked and passed	3,512	728	2,796	...	1,728	8,764
11	Statements of works done for Municipal Departments, checked and passed	144	...	...	...	...	144
12	Statements of works done for private parties, checked and passed	106	...	...	...	...	106
13	Workshops' Balance Sheets prepared and forwarded ...	12	...	...	...	...	12
14	Statements of recovery of bills against private parties received	96	...	...	...	...	96
15	Requisitions prepared or received and forwarded... ...	1,205	4,802	1,509	57	325	7,896
16	Measurement slips for metal, sand, rubble, &c., received and checked	415	...	...	...	...	415
17	Morning and materials reports, diaries, &c., prepared or received and checked...	8,760	1,102	...	233	...	10,095
18	Muster-rolls received and checked	931	...	...	...	...	931
19	Statements of wages remaining unclaimed, received and checked	144	...	...	...	...	144
20	Unclaimed wages refund certificate prepared or received and passed	807	...	...	...	...	807
21	Work abstracts for road repairs and maintenance received and checked	144	...	...	...	...	144
22	Work abstracts for road watering received and checked ...	144	...	...	...	...	144
23	Permits issued for projecting verandahs, balconies, rewas, weather-frames, &c.	27	...	...	...	...	27
24	Permits issued for erection of scaffolding on public roads.	398	...	...	...	...	398
25	Permits issued for opening roads	2,246	...	...	...	...	2,246
26	Permits issued for temporary occupation of public streets on marriage and other ceremonies...	662	...	...	...	...	662
27	Advice-notes for sale of tender forms, rights of cutting grass, &c., hire of steam-rollers, carts, &c., ground rent, sale of building forms under Sections 337 and 342, supplying copies of office records, sale of applications for water connections, fees for testing water pipes, meter fittings, hire of meters, &c., prepared and forwarded to the Chief Accountant	4,059	...	757	49	2,472	7,337
28	Licenses issued to Plumbers	116	...	...	...	...	116
29	Licenses issued to Surveyors	36	...	...	...	...	36
30	Slips for road openings received	2,107	...	...	...	...	2,107
31	Authorities issued to plumbers for opening roads under tram lines	69	...	...	...	...	69
32	Adding ground orders issued	49	...	...	...	...	49
33	Permits for building or rebuilding houses granted either conditionally or unconditionally	2,605	...	...	...	...	2,605
34	Claims for compensation for lands, &c., taken up for street improvement, passed	153	...	...	...	...	153

PLAGUE OPERATIONS.

Inspection, Improvement and Demolition of Insanitary Buildings during the year 1903-1904.

251. The inspection of the most insanitary houses in Parel, Siwri and Warli districts was completed and as the inspection of the most insanitary buildings in the City was also completed, a second round of inspection of the less insanitary ones was simultaneously taken in hand in the several districts of the City.

252. The following statement gives detailed information as regards the number of houses inspected in each district, those found in need of improvement, and those that were considered incapable of improvement and consequently condemned to be demolished:—

Districts.	Number of blocks inspected.	Number of blocks requiring improvement.	Number of blocks to be demolished.
Fort ...	14	14	...
Mandvi ...	26	26	...
Chakla ...	12	12	...
Umerkhadi	23	23	...
Dongri	17	17	...
Market ...	14	14	...
Dhobi Talao	1	1	...
Fanaswadi*	12	5	6
Bhuleshwar	27	27	...
Kharatalao	5	1	4
Kumbharwada	13	13	...
Khetwadi	23	22	1
Girgam ...	21	20	1
Chaupati ...	24	16	8
Walkeshwar	32	28	4
Mahalaxmi	9	8	1
Mazgaon ...	15	12	3
Tarwadi ...	14	1	13
2nd Nagpada	18	15	3
Tardeo ...	1	1	...
Byculla ...	9	6	3
Parel ...	13	11	2
Siwri ...	9	3	6
Warli ...	53	17	36
Total ...	405	313	91

* One house in this District did not require any improvement.

253. Altogether, 405 houses were inspected, of which 313 houses were found more or less in need of improvement, 91 were found incapable of improvement and fit for demolition and one in such a good condition as not to require any improvement.

254. The demolition of 93 houses and sheds condemned during the previous year and part of those condemned during the year under review was effected. Besides this, 176 houses, for which improvement notices were served, were demolished by the owners of their own accord.

255. 284 notices were issued requiring the owners to improve their buildings. 890 houses, for which notices were issued during the previous year and the year under report, were taken in hand for improvement. Closing notices for 299 houses were issued, out of which 17 houses were closed permanently for demolition and 282 temporarily for enforcing improvements in them.

256. The values of six houses were assessed by the Government Assessor prior to their being demolished, the aggregate amount awarded being Rs. 175.

257. Rs. 1,824-4-10 were paid as compensation for structures demolished, which amount mostly includes the compensation for the buildings demolished during the previous years.

258. The work of abating overcrowding in the congested parts of the City was carried out as during the last year. In all, 95 notices were served to reduce overcrowding and in 94 houses overcrowding was abated.

259. Certificates for fitness for human habitation were issued in case of 399 buildings.

260. In addition to these, in 153 buildings the improvements have been practically completed, but as there are still a few minor works to be carried out in them the certificates have not been granted.

261. The following is a summary of the clerical work done by the House Improvement Branch.

262. 20,187 letters, etc., were received including replies to references to the Inspectors.

263. 20,379 letters, etc., were despatched including references to the Inspectors for report.

MUNICIPAL SERVANTS' ACT.

264. No circumstance has arisen in this Department during the year under report to necessitate the putting of the Municipal Servants' Act into operation.

I have the honor to be,
Sir,
Your most obedient Servant,
J. HALL, M.I.C.E., M.I.M.E., &c.,
Executive Engineer, Municipality.

K.—FIRE BRIGADE.

1. The establishment has been upheld in a state of efficiency during the year, and all appliances are in good condition and thorough working order.

2. No lives were lost at fires during the year. Two persons, however, received injuries necessitating their removal to hospital, but were afterwards discharged recovered.

3. Several members of the Brigade received injuries at fires, none of which, however, were of a serious nature, except that of Tindal Rama Govind, who, whilst in the execution of his duty at a fire at Foras Road on the 29th of December, received a rupture and was invalided from service. The Corporation were good enough to allow this man a pension of Rs. 7-4-3 a month.

4. Twenty-three members resigned or otherwise left the service during the year.

5. No casualties occurred among the Brigade horses and none were purchased during the year.

6. The water-supply at fires has been satisfactory, and the attendance of the Water Work Staff has been prompt and of assistance to the Brigade.

7. The inspection of fire hydrants throughout the City has been carried out by the Brigade.

8. The fire service at the Municipal Offices and Markets has been maintained in good working order. The employés have also been periodically drilled in the use of the fire appliances.

9. The van located at Byculla Fire Brigade station carrying *implements* for the rescue of persons from the *débris* of fallen buildings has been called into requisition once during the year. Seven persons were removed from the *débris*, of which number one was uninjured, two were removed to hospital, of whom one died and one recovered, whilst four persons were removed dead. Two hydraulic jaks, each lifting three tons, have been added to the van appliances during the year.

10. An order for 5,000 feet of delivery hose and other appliances was satisfactorily executed by Messrs. Turner, Hoare & Co.

11. An order for the supply of a chemical engine and long ladder has been placed with the same firm, which, when received, will be located at the Byculla station. The erection of a suitable shed for housing both engine and ladder has been sanctioned.

12. Provision has been made in the ensuing year's Budget for a supply of 96—50 feet lengths of delivery hose for fire purposes in place of 80—60 feet lengths, condemned and sold by public auction in the year 1902-1903.

13. A new boiler for a Merry-weather's steamer was also supplied by the above firm to replace one which had been condemned by the Boiler Inspector. This boiler is now working and giving entire satisfaction.

14. A new boiler for a Merry-weather's steamer has also been provided for to replace one unfit for Brigade use.

15. The present strength and equipment of the Brigade is as follows :—

Strength.

1 Chief Officer.	8 Engineers.	9 Drivers.
2 Clerks.	13 First Class Tindals.	9 Grooms.
1 Head Foreman.	6 Second Class Tindals.	
5 Foremen.	115 Men of Grades.	

Making a total of 169 of all ranks.

Equipment.

8 Steam Fire Engines.	7 Tender Carts.	1 Van.
8 Manuals.	6 Telescopic Ladders.	16 Horses.
16 Hose Reels.	1 Brake.	

Three hundred and seventy-eight lengths of delivery hose, aggregating 21,480 feet, and other necessary fire-extinguishing appliances.

The distribution of Engines, &c., is as under :—

No.	Stations. Names.	Engines. Steamers.	Engines. Manuals.	Hose Reels.	Tender Carts.	Fire Escapes.	Brake.	Van.	Horses.	Delivery Hose.	Foremen.	Engineers.	First Class Tindals.	Second Class Tindals.	Firemen of Grades.	Drivers.	Grooms.	Remarks.
1	Byculla ...	3	2	3	1	1	1	1	6	107	1	3	2	1	24	4	4	
2	Gowalia Tank ...	1	...	2	1	1	...	...	2	34	1	1	1	1	11	1	1	
3	Chinchpokli ...	1	...	1	1	1	...	...	2	34	1	1	1	1	11	1	1	
4	Babula Tank ...	1	...	2	1	1	...	...	2	34	1	1	1	1	11	1	1	
5	Fort	1	...	1	1	1	...	...	2	34	1	1	1	1	11	1	1	
6	Colaba	1	...	1	1	1	...	...	2	34	1	1	1	1	11	1	1	
7	Malabar Hill ...	...	1	1	...	...	...	...	...	24	...	...	1	...	6	...	...	
8	DeLisle Road ...	...	1	1	...	...	...	...	...	14	...	...	1	...	6	...	...	
9	Mahim	...	1	1	...	...	...	...	...	14	...	...	1	...	6	...	...	
10	Dadar	...	1	1	...	...	...	...	...	14	...	...	1	...	6	...	...	
11	Mazagon ...	...	1	1	...	...	...	...	...	14	...	...	1	...	6	...	...	
12	Bhuleshwar ...	...	1	1	1	...	...	...	...	21	...	...	1	...	6	...	...	
	Total	8	8	16	7	6	1	1	16	378	6	8	13	6	115	9	9	

16. The number of calls to fires or supposed fires has been 92. Of this number four were reported by the Police, but did not require the attendance of the Brigade. The remaining 88 involved the turning out of engines and men, and resulted in 14 false alarms and 74 fires, 51 of which were extinguished by the Brigade appliances and 23 before the arrival of the Brigade.

17. The estimated damage to property has amounted to Rs. 10,94,563, showing an increase of Rs. 4,76,729 as compared with the preceding year.

18. The amount of damage to property at the 51 fires extinguished by Brigade appliances is estimated at Rs. 10,58,099, whilst the property in imminent risk of becoming involved at these fires has been rated at Rs. 76,34,227.

19. The estimated damage to insured properties has been Rs. 10,07,370, whilst that to uninsured properties has been Rs. 87,193.

20. The estimated quantity of water used for extinguishing fires has been 10,17,500 gallons or about 4,542 tons. Of this quantity 7,38,500 gallons were taken from the street mains and 2,79,000 gallons from tanks.

21. The fires of 1903-04 show a decrease of two as compared with 1902-03, and with the average of the past 10 years a decrease of 24 fires.

Table No. 1.

List of Causes of Fires for the Year 1903-1904 :—

Cause.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Careless use of kerosine oil lamp	1	...	1	...	...	1	...	1	1	...	3	1	9
Do. do. oil lamp	...	...	1	...	...	...	...	...	...	...	...	...	1
Do. do. fire ...	...	...	...	...	...	...	...	...	...	1	2	2	5
Doubtful	...	...	1	...	...	...	...	...	...	...	1	1	3
Friction	...	3	...	...	...	...	1	...	1	1	...	1	7
Incendiarism	...	...	...	...	...	...	...	...	...	...	...	1	1
Kerosine oil lamp upset ...	1	...	...	...	...	...	...	1	...	1	...	1	4
Do. exploding.	...	1	...	...	...	...	...	...	...	1	1	...	3
Letting off fireworks ...	1	...	...	...	...	...	1	...	...	...	...	...	2
Lightning	...	...	...	...	...	1	...	...	...	...	...	...	1
Light thrown down ...	1	3	...	...	...	...	1	...	...	...	1	...	6
Oil boiling over	...	...	...	...	...	...	...	...	...	...	1	...	1
Oil lamp upset	...	1	...	...	...	...	...	...	...	...	...	...	1
Overheating of chimney.	...	...	...	...	...	...	...	...	...	...	...	1	1
Spark from forge	1	...	1	...	...	...	...	...	...	...	...	1	3
Do. from fireplace ...	...	...	...	...	...	...	...	1	1	...	...	1	3
Stone in machinery. ...	...	...	...	1	...	...	...	1	...	...	1	...	3
Unknown	3	2	2	2	1	3	1	3	1	3	1	2	24
Total ...	8	10	6	3	1	5	4	7	4	7	11	13	78

Table No. 2.

Monthly Summary of Fires and Annual Losses for the period from 1894-95 to 1903-1904 :—

Year.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total Fires.	Estimated Loss.
														Rs. a. p.
1894-95 ...	7	12	7	3	8	4	3	6	10	16	12	9	97	2,25,445 0 0
1895-96 ...	15	10	11	9	2	3	9	12	24	12	9	13	130	20,41,571 0 0
1896-97 ...	12	26	8	3	7	8	12	16	8	7	6	9	122	18,75,662 0 0
1897-98 ...	7	12	6	8	4	7	13	18	14	19	9	19	136	19,98,464 0 0
1898-99 ...	9	16	7	3	6	9	13	7	8	23	13	7	115	23,61,915 0 0
1899-00 ...	9	10	4	7	7	4	7	7	12	13	9	4	91	4,11,699 0 0
1900-01 ...	6	6	4	3	...	7	5	13	12	5	9	6	76	1,99,955 0 0
1901-02 ...	7	8	4	...	1	5	7	7	7	6	4	6	62	11,59,233 0 0
1902-03 ...	6	10	4	4	6	1	6	8	7	8	15	5	80	6,17,834 0 0
1903-04 ...	8	10	6	3	1	5	4	7	4	7	11	12	78	10,94,563 0 0

Table No. 3.

List of Fires where Property to the extent of Rs. 2,000 and upwards was destroyed during the year 1903-04 :—

Date.	Locality.	Nature of Property.	Damage.
1903.			Rs.
April 25th ...	Tardeo Road	Cotton bales	3,500
„ 27th ...	Matunga	Jowli huts...	2,650
May 5th ...	Middle Colaba	Loose cotton	8,300
„ 28th ...	Carrol Road	Do.	10,000
June 5th ...	Arthur Road	Woollen shed	4,000
„ 15th ...	Parel Road	Building	15,000
„ 19th ...	Sewri, Koliwada	Jowli huts...	5,000
July 8th ...	Dadar Road	Loose cotton	10,000
„ 25th ...	Hornby Road, Fort	Stock, etc.	2,700
August 16th ...	Belvedere Road	Cotton cleaning factory	70,200
September 16th ...	Albert Road	Mill	50,000
October 9th ...	Bellasis Road	Ginning factory	22,000
„ 22nd ...	Colaba, Navroji Street	Cotton bales	6,700
November 5th ...	Duncan Road	Shop and contents	32,000
„ 2nd ...	Chira Bazar	Store room	5,250
„ 11th ...	Argyle Road	Wool cleaning factory	36,400
„ 23rd ...	Haines Road	Shed	6,000
December 2nd ...	Chakla	Building	1,55,000
„ 29th ...	Foras Road	Mill	3,50,000
1904.			
January 10th ...	Janjiker Street	Shops	8,000
„ „ ...	Sewri Road	Mill	1,30,000
„ 12th ...	Girgaum Road	Stable	32,290
February 1st ...	Apollo Street	Shop	5,000
„ 8th ...	Raichur Street	Huts	2,000
„ 10th ...	Musjid Bunder	Building	26,875
„ 13th ...	DeLisle Road	Mill	58,600
March 10th ...	Suparibagh Road	Cotton	22,000
„ 31st ...	Dadar Road	Do.	4,000

L.—PUBLIC GARDENS.

REPORT OF THE SUPERINTENDENT OF MUNICIPAL GARDENS, RECEIVED UNDER HIS No. 591, DATED 1ST JUNE 1904.

1. The following gardens were maintained during the year under report :—

(*a*) Victoria Gardens.
(*b*) Elphinstone Circle Garden.
(*c*) Northbrook Garden.
(*d*) Malabar Hill Garden.
(*e*) Bazar Gate Garden.
(*f*) Falkland Road Garden.
(*g*) Dick's Tank Garden.
(*h*) Municipal Office Garden.
(*i*) Sir Cawasjee Jehangir Garden at Mahim.

2. The total number of visitors to the Victoria Gardens during the year under report was 1,459,605, which is less by over three lacs than that of the previous year when it was exceptionally high. It, however, shows an increase of over a lac on that of the year 1901-02.

3. The maintenance and repair of roads were continued as usual. A further portion of the road around the Museum was remetalled and consolidated by steam-rolling by the Executive Engineer's Department, as also portions of roads laid out in the new ground now being utilised for the extension of the Zoo. The roads around the new monkey-house were all metalled and consolidated departmentally, and some more roads cut out in different places to lead to the animals' cages.

4. The work of laying out water-pipes in the new ground and the nursery was continued, and a connection was made between two of the mains in the old portion of garden to increase the pressure in one of them.

5. The repairs of existing drains and the construction of new ones across roads to carry off storm-water were, as usual, carried out during the year under report. The aquatic ponds were emptied during the year and drained off in the Parel Road Sewage drain through the new sluice constructed last year. A lot of silt was removed and a channel cut in the middle to remove the obstruction to the flow of water through the entire length of the ponds. The deep aquatic pond at the eastern end of the Gardens, however, again became very foul and had to be emptied by means of steam pumps.

6. As usual the work of replanting and renewing old shrubberies and lawns was continued throughout the year under report. Newly introduced trees and shrubs were also planted out in different places, chiefly along the sides of the new as well as the existing roads. Most of the trees and shrubs were also labelled with their scientific, English and vernacular names.

7. 1,032 plants were supplied to the Executive Engineer's Department for road-side planting.

8. At the request of the Director of Land Records and Agriculture I was allowed to visit the Poona Flower Show held in September last to exhibit some plants from the Victoria Gardens and to assist at judging for the prizes. A good collection of decorative plants and some new and rare plants was taken by me to the Show, and the Committee were good enough to award a special prize for the collection of new and rare plants exhibited. I was able to sell some of the plants exhibited at the Show, and the amount realized by the sale of plants and that received as a prize more than covered the small expenditure incurred for my visit there.

9. From the Flower Show at Poona I proceeded direct to Bangalore to visit the gardens there for the purchase of new plants, and am glad to say that besides purchasing several new plants from private nurseries there, was able to get 179 plants in exchange from the Superintendent of the Government Gardens at Bangalore.

10. A list of new plants added to the collection during the year is appended to the report.

11. By the kind permission of the Band Presidents of the G. I. P. and B. B. & C. I Railway Volunteers arrangements have been made since January last for their bands to play alternately every Saturday, as far as possible, at the Gardens. As the site of the old Band Stand to the east of the Museum was found unsuitable, and as a good opportunity occurred of shifting the site by the removal of the old small wooden cages of animals, a temporary wooden platform for the Band Stand has been put up in a central position in the Gardens near the cages of tigers, &c. The new site affords a large open promenade, and the change is much appreciated by the public who now take advantage of the Band in the Gardens in greater number than before. This change is naturally not appreciated by persons who desire to sit in their own carriages to listen to the Band, as carriages are not allowed inside the Gardens, but to avoid inconvenience to the public, as far as possible, a number of extra benches are placed near the new Band Stand, and arrangements have also been made to hire chairs at a cheap rate.

12. The two remaining wings of the Maharaja of Bhawnagar's House for the smaller carnivora referred to in para. 19 of the report for 1900-01 were constructed during the year under report from the Municipal grant for the improvement of the Zoo. The completion of this house has enabled the doing away of all the small wooden cages which were a great eyesore in the Gardens and were instrumental in causing a bad impression of the Zoo and much adverse comment on it from the visitors. The space cleared out has also served to provide a large promenade for the Band referred to in para. 11 above.

13. The old weakly-constructed iron enclosure for deers was broken up and the materials utilized in constructing a stronger and better one partly on the old site, with an extension to the south, including a large pond, affording better accommodation for strong animals like the sambar, who are fond of taking to water occasionally.

14. The old small monkey cage was improved and altered and divided into four compartments for the smaller cats like the Civets.

15. A small suitable enclosure was also made for the porcupines with deep earth flooring which affords them ample opportunity of burrowing into it. The earth flooring has proved very suitable to their natural habits, and they have twice bred within a short time in this new enclosure.

16. The bear's cage in the Gardens, the bars of which were too wide apart to allow of baby bears being kept there, was also improved by fixing an additional bar between the existing ones.

17. Several other minor improvements were also carried out for the better housing and comfort of the animals, among which may be mentioned the providing of two large permanent ornamental sliding doors to the new monkey-house.

18. I can not pass by here without gratefully acknowledging the assistance of several gentlemen, particularly Messrs. R. P. Lambert, Deputy Commissioner of Police, Bombay, W. Dodderot, I.C.S., E. Lawrence, I.C.S., Major Williams, of Meerut, H.H. The Maharaja of Idar, and others for their kind co-operation in procuring specimens required or presenting valuable animals. Our best thanks are also due to all the donors of animals mentioned in the list attached to this report, and particularly to the Agents of the B. B. & C. I. Railway, the G. I. P. Railway, the Bengal-Nagpore Railway, the Southern Mahratta Railway, the Bhawnagar-Gondal-Junagadh-Porebunder Railway, the British India S. N. Co., and the Messageries Maritimes S. N. Co., who have helped in bringing the animals and the keepers in charge from stations on their lines entirely free or at greatly reduced rates.

19. It may be interesting to note here that, for the first time in the history of the Gardens, the pair of tigers presented by H. H. The Maharaja Pratab Sing Bahadur, K.C.I.E., of Idar, bred here and gave a litter of 3 pups in November last. One of the pups died immediately after birth, but the remaining two throve very well until one of them died of convulsions. The other, who suffered similarly, got over the attack under treatment and was subsequently sold, as a very handsome offer of Rs. 500 was made for it.

20. Since the housing of the monkeys in the new monkey-house where each kind is generally kept by itself, monkeys and lemurs have also bred successfully.

21. As suitable cages are now being annually constructed for the proper housing of animals, attempts are now being made for obtaining foreign and rare animals from Europe, Australia and other places by purchase or exchange, and amongst the animals thus obtained mention may be made of Emus, Rheas, Cape Crowned-Cranes, Kangaroos, Wallabies and Llamas.

22. A list of animals presented to or born in the Gardens, as also of those added by purchase or exchange, and the important casualties during the year under report, is given in Appendix B.

23. The elephant rides still continue to be popular with the public.

24. All the other gardens were maintained and kept in the usual good condition. The Northbrook Garden still continues to be occupied with health camps.

25. The budgetted and the actual expenses incurred on the several gardens are as follows :—

	Names of the Gardens.	Total Budgetted amount.	Actual amount spent.
		Rs. a. p.	Rs. a. p.
(a)	Victoria Gardens	67,213 10 4	62,178 2 4
(b)	Elphinstone Circle Garden	1,160 0 0	973 3 4
(c)	Northbrook Garden	1,076 0 0	991 9 8
(d)	Malabar Hill Garden	580 0 0	569 7 0
(e)	Bazaar Gate Garden	552 0 0	458 10 6
(f)	Falkland Road Garden	270 0 0	229 1 6
(g)	Dick's Tank Garden	220 0 0	221 3 0
(h)	Sir Cowasjee Jehangir Garden at Mahim	428 0 0	385 0 2
	Total ... Rs.	71,529 10 4	66,036 5 8

APPENDIX A.

List of plants introduced in 1903-04.

Acalypha Hamiltoniana	Received in exchange from the Government Botanical Gardens, Bangalore.
Acrostichum variabilis	" " " "
Acrocotnia sclerocarpa	" " " Royal Botanical Gardens, Ceylon.
Adiantum æthiopicum	" " " Government Botanical Gardens, Bangalore.
" cuneatum grandiceps	" " " "
" decorum	" " " "
" Funckii	" " " "
" gracile	" " " "
" venustum	" " " "
" La Grande	Purchased.
" Lawsonii	"
" Pacottii	"
Æchmea discolor	"
Alrides crispum Lindleyanum	"
Amomum hemispheria	Received in exchange from Mr. H. V. Kemball, Bombay.
Ampelopsis quinquefolia	Purchased.
Anthurium Andreanum	"
" longifolium	"
" Warwickianum	Received in exchange from the Government Botanical Gardens, Bangalore.
Arenaria montana	" " Messrs. Vilmorin Andrieux & Co., Paris.
Asplenium furcatum	" " the Government Botanical Gardens, Bangalore.
" polypodioides	" " " "
" resectum	" " " "
Bauhinia anguina	" " " "
" Galpini	" " " "
" monandra	" " " "
Bambusa Balcooa	" " " Royal Botanical Gardens, Calcutta.
" nutans	" " " "
" polymorpha	" " " "
" Rumphiana	" " " "
" siamensis	" " " "
" Tulda	" " " "
" vulgaris var. strictus	" " " "
Begonia gracilis rosea	Purchased.
" semperflorens atropurpurea	"
" " nana compacta rosea	"
Bignonia excelsa	"
" Lindleyana	"
Blechnum orientale	Received in exchange from the Government Botanical Gardens, Bangalore.
Boltonia glastifolia	" " Messrs. Vilmorin Andrieux & Co., Paris.
Burseria spinosa	" " the Government Botanical Gardens, Bangalore.
Callicarpa lunata	" " " "
Cassia javanica	" " " "
Cedrus Lobani var. deodar	Purchased.
Cephalostachyum pergracile	Received in exchange from the Royal Botanical Gardens, Calcutta.
Cinnamomum cassia	" " Empress Botanical Garden, Poona
Clerodendron heterophyllum	" " " Government Botanical Gardens, Bangalore.
Cocos comosa	" " " Botanical Gardens, Buitenzorg, Java.
Commelina communis	" " " Government Botanical Gardens, Bangalore.
Costus igneus	Presented by Mr. W. S. Millard, Bombay.
" Malorteanus	Purchased.
Crotollaria Cunninghami	Presented by Messrs. Rossiter & Co., Australia.
Dammara robusta	Received in exchange from the Government Botanical Gardens, Bangalore.
Davallia platyphylla	" " " "
" Speluncæ	" " " "
" strigosa	" " " "
Dendrocalamus giganteus	" " " Royal Botanical Gardens, Calcutta.
" Hamiltonianus	" " " "
" longispathus	" " " "
" strictus	" " " "
Diospyros Ebenum	" " " Royal Botanical Gardens, Ceylon.
Dipcadi montanum	Presented by Dr. K. R. Kirtikar, Ratnagiri.
Dipterocarpus alata	Received in exchange from the Royal Botanical Gardens, Calcutta.
Dombeya angulata	" " Government Botanical Gardens, Bangalore.
" natalensis	" " " "
" Mastersi	" " " State Gardens, Baroda.
Doryanthes excelsa	" " " Government Botanical Gardens, Bangalore.
Dracæna Hookeriana	" " " "

Dracæna Lord Belheven	Purchased.
Drynaria quercifa	Received in exchange from the Government Botanical Gardens, Bangalore.
Episcia metallica	" " " "
Erythrina Blakei	" " " "
" lithosperma	" " " "
Eugenia myrtifolia	" " " "
Ficus Benjamina	" " " "
" Roxburghii	" " " "
Ficus elastica var. variegata	Royal Botanical Gardens, Calcutta.
Garcinia cambogea	Royal Botanical Gardens, Ceylon.
" morella	" " " "
Gardenia Fortunii	Royal Botanical Gardens, Calcutta.
Gigantochloa alter	" " " "
Globba aurantiaca	" " " "
Goniopteris prolifera	Government Botanical Gardens, Bangalore.
Graptophyllum hortense var. variegata	" " " "
Gufubia costata moluccana	Botanical Gardens, Buitenzorg, Java.
Gymnogramma sulphurea	Government Botanical Gardens, Bangalore.
" tartarea	" " " "
Habrothamnus fasciculatus	" " " "
Helianthus rigidus	Purchased.
Hibiscus angulosus	Received in exchange from the Royal Botanical Gardens, Ceylon.
" marmoratus	Royal Botanical Gardens, Calcutta.
Hoya viridiflora	Government Botanical Gardens, Bangalore.
Impatiens Hookeriana	" " " "
" parasatica	" " " "
Iresine Lindenii	" " " "
Isotoma petræa cærulea	Purchased.
Kampferia atroyirens	"
Lantana domestica	Received in exchange from Mr. H. V. Kemball, Bombay.
Livistona altissima	The Royal Botanical Gardens, Ceylon.
" Oliviformis	" " " "
Lobelia cardinalis hybrida	Purchased.
" erinus pumila	"
Lonaria Gibba	Received in exchange from the Government Botanical Gardens, Bangalore.
Loxococcus rupicola	Royal Botanical Gardens, Ceylon.
Malpighia punicifolia	Government Botanical Gardens, Bangalore.
Melastoma malabathricum	Royal Botanical Gardens, Ceylon.
Mesua ferrea	" " " "
Moyenia Hawtayneana	Government Botanical Gardens, Bangalore.
Musa coccinea	Royal Botanical Gardens, Calcutta.
" rosacea	" " " "
Myrica rubra	Purchased.
Myristica laurifolia	Received in exchange from the Empress Botanical Gardens, Poona.
Napoleona imperialis	Royal Botanical Gardens, Ceylon.
Nephelium lappaceum	Royal Botanical Gardens, Calcutta.
Nephrodium contermineum	Mr. H. V. Kemball, Bombay.
" cuspidatum	Government Botanical Gardens, Bangalore.
" polymorphum	" " " "
" setigerum	" " " "
" Thelypteris	" " " "
Nephthytis picturata	" " " "
Ochrocarpus longifolius	Presented by Mr. W. S. Millard, Bombay.
Ocimum gratissimum	Received in exchange from the Government Botanical Gardens, Bangalore.
" viride	Royal Botanical Gardens, Ceylon.
Onychium japonicum	Presented by the Botanical Station, Sierra Leone.
Panax rotundus	Received in exchange from the Government Botanical Gardens, Bangalore.
Panicum bambusoides	" " " "
Parmentiera cereifera	Presented by Mr. F. G. Joshi, Africa.
Perilla de'nankin	Received in exchange from the Government Botanical Gardens, Bangalore.
	Received in exchange from Messrs. Vilmorin Andrieux & Co., Paris.

Philodendron Sp.	Received in exchange from the Botanical Gardens, Bangalore.
Phœnix farinifera	" " Botanical Gardens, Beutenzorg, Java.
" robusta	Presented by the College of Science, Poona.
Pinanga Kuhlii	Received in exchange from the Botanical Gardens, Beutenzorg, Java.
Polypodium aureum	" " Government Botanical Gardens, Bangalore.
" fissum	" " "
" loriorhizon	" " "
" longissimum	" " "
" phymatoides	" " "
Pteris argyrea	Purchased.
" serrulata	Received in exchange from the Government Botanical Gardens, Bangalore.
" serrulata var cristata	" " " "
" tremula	" " " "
" tripartita	" " " "
Rhœdia laterifiora	Purchased.
Sabal glaucescens	Received in exchange from the Botanical Gardens, Beutenzorg, Java.
Salisburia adiantifolia	" " " Empress Botanical Gardens, Poona.
Sarraca cauliflora	" " " Government Botanical Gardens, Bangalore.
Scutellaria andamanensis	" " " "
Selaginella cognata	" " " Royal Botanical Gardens, Calcutta.
" emiliana	Purchased.
" parodoxus	"
Solandra grandiflora	"
" " mangaifica	Presented by Mr. H. V. Kemball, Bombay.
Streptocarpus dechotomus	Received in exchange from the Royal Botanical Gardens, Calcutta.
Strobilanthus glandulosus	" " " "
Styrax Benzoin	" " " "
Tecoma leucoxylon	Presented by Mr. P. G. Joshi, Africa.
Telfairea pedata	" " "
Tephrosia Vorelii	Received in exchange from the Royal Botanical Gardens, Calcutta.
Tetranema mexicana	Presented by Mr. W. S. Millard, Bombay.
Tradescantia scandens	" " " Government Botanical Gardens, Bangalore.
Verbisina gigantea	" " " Royal Botanical Gardens, Calcutta.
Viola Patrinii	Purchased.
Wigandia carnea saga	"
" imperialis	"
" Vigieri	

APPENDIX B.

List of Increase and Decrease of Animals in the Victoria Gardens during 1903-04.

A.—The following were added to the collection during the year under report:—

By Presentation—

6	Indian Antelopes	By H.H. The Maharaja of Idar, K.C.I.E., A.D.C.
2	Leopards	" " " "
2	Royal Bengal Tigers	" " " "
8	Indian Antelopes	" The Trustees of the Pinjrapole.
5	Peafowls	" " "
1	Nilgai	" " "
2	Mouse Deer	" " "
19	Seagulls	" " "
1	Houbara Bustard	" The Bombay Natural History Society.
1	William's Pheasant	" " " "
2	Chukor Partridges	" " " "
3	Pin-tailed Sand Grouse	" " " "
1	Leopard Cat	" " " "
1	Lesser Civet Cat	" " " "
9	Common Partridges	" Mr. W. Dodderet, I.C.S.
1	Red-wattled Lapwing	" "
1	Indian Reef-Heron	" "
1	Hedge Hog	" "
2	Jungle Cats	" "
1	Spotted Deer	" Mr. E. Lawrence, I.C.S.
1	Four-horned Antelope	" "
3	Hog Deer	" Major A. P. Williams.
2	Indian Antelopes	" "
6	Pin-tail Ducks	" Mr. T. W. Cuffe.
2	Red Headed Pochards	" "
6	Do. do.	" Mr. James McDonald.
2	Rhesus Monkeys	" "
2	Wild Ducks	" "
3	Rain Quails	" "
1	Peafowl	" Mr. R. P. Lambert.
1	Indian Gazelle	" " "
2	Langur Monkeys	" Mr. C. Hudson, I.C.S.
1	Do.	" Mr. J. M. Prichard.
1	Do.	" Mr. M. K. Kher.
1	Syke's Monkey	" Mr. J. N. Baria.
1	Malbrouck Monkey	" Mr. C. Meyer.
1	Do.	" Mr. Cecil Gray.
1	Crab-eating Monkey	" Mrs. N. Navin.
1	Do.	" Mr. H. L. Symmons.
1	Leopard	" The Thakore of Pal.
1	Nilgai	" The Dewan of Cambay.
1	Arabian Gazelle	" Mr. M. Tharia Topan.
4	Do.	" Mr. George Logan.
1	Do.	" Mr. Fazil Jan Mahomed.
2	Persian Gazelles	" Mr. W. J. Nolan.
1	Indian Antelope	" Mr. Dost Mahomed F. Chinoy
1	Do.	" Mr. K. M. Badiwala.
1	Do.	" Mr. E. Tooth.
1	Do.	" Mr. Framjee C. Tabelwala.
1	Do.	" Mr. R. C. Columbowalla.
1	Spotted Deer	" Mr. Mahomed Yusuf Soudagar.
1	Four-horned Antelope	" Mr. Ranchoddas G. Kanakia.
1	Do.	" Mr. James Connell.
1	Do.	" Mr. Anandji Nanji.
1	Indian Ant-eater	" Mr. J. H. DuBoulay, I.C.S.
1	Great Indian Barbet	" Mr. Rev. S. Lye-Leigh.
1	Roseate Cockatoo	" Mrs. L. Carpenter.
1	Grass Parrakeet	" Dr. Weatherall.
1	Sarus Crane	" Mr. Narotum Morarjee Goculdas.
1	Peafowl	" Mr. R. S. Pereira.
1	Do.	" Mr. P. Furtado.
2	Do.	" Mr. M. T. Davey.
1	Do.	" Mrs. L. Chappel.
1	Indian Crocodile	" The Chief of Aundh.
4	Indian Monitors	" Mr. Haridas Valji.

Born in the Gardens—

1 Malbrouck Monkey
1 Dog-faced Baboon
1 Black Lemur
3 Porcupines
3 Tiger Cubs
4 Jackals

1 Nilgai
1 Gazelle
2 Indian Antelopes
1 Four-horned Antelope
1 Sambur Deer
2 Spotted Deer

By purchase—

Lynx; Pelicans; Sloth Bear; Emus; Black Ape; Ostriches; Rheas; Sambur Deer; Great Grey Kangaroos; Black Swans; Phalangers; Cape Crowned Cranes; Bare-eyed Cockatoos; Mongoose Lemurs; Ruffed Lemur; Black Lemur; Red-Crested Cardinals; Red Crowned Parrots; Blue Mountain Lory; Great Vasa Parrot; Nilgai; Houbara Bustard; Monaul Pheasants; Rib-faced Deer; Mouse Deer; Uryal; Rock-Wallabies; Red-billed Blue Magpies; Crested Bronze-winged Doves; Whistling Thrushes; Cormorants; Snake-birds; Black-necked Storks; White-necked Storks; Black Ibis; Spoon-bills; Herons; Egrets; Ducks and Teals, &c.

B.—The following were among those that died during the year under report :—

Syke's Monkey; Flamingo; Leopards; Indian Antelopes; Eastern Purple Heron; Cormorant; Black Ibis; Himalayan Palm Civet; Snake-bird; Kangaroo; Vulturine Guinea-fowl; Orang-Outang; Pelicans; Gazelles; Nilgai; Painted Storks; Ostrich; Assam Hoolocks; Rhea; Silver Pheasant; Hoolock Gibbon; Four-horned Antelopes; Houbara Bustards; Wallaby; Himalayan Bears; Ring-necked Pheasant; Tiger Cub; White-Crested Cockatoo; Great Grey Kangaroo; Dog-faced Baboon; Mongoose Lemur; Leopard Cat; Phalanger; Malbrouck Monkey; Grey Gibbon; Lynx; Langur Monkey; Mouse Deer; Monaul Pheasant; Black Swan, and Cassowary.

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY.

M.—THE VICTORIA & ALBERT MUSEUM.

REPORT OF THE SECRETARY AND CURATOR, VICTORIA AND ALBERT MUSEUM, RECEIVED UNDER HIS No. 19 OF 28TH APRIL 1904.

The Buildings.

I. Visitors have been excluded from the gallery situated on the upper floor since the 11th January, in consequence of the dangerous condition of the roof.

A large mass of the plaster fell on the 9th January smashing a case.

Had any visitors been in this part of the Museum at the time, there would undoubtedly have been a most serious accident.

With the Commissioner's sanction the upper floor of the Museum was at once closed to the public, and has remained so since.

Until the question is settled as to whether the repairs should be done by Government or the Municipality, the public cannot in my opinion be safely admitted.

This is an unfortunate state of affairs, because the Economic Products section is capable of being made one of the most instructive in the Museum.

No. of Visitors.

II. The following table gives the number of days the Museum was opened, and the number of visitors in the year ending 31st March 1903 and 1904, respectively :—

Year.	Days Museum open.	Number of Visitors.	Daily Average.
1902-03	313	8,15,936	2,606
1903-04	312	7,43,323	2,382

Their character.

III. The remarkable feature in reference to these figures is the attraction the Museum has for all classes of the community. Nowhere in Bombay can so many different types be seen together as in the Galleries, on a native holiday or upon a Sunday. On the other hand the European community do not visit the Museum in large numbers. The reason for this is firstly, that the gardens are more attractive during the short time that the Europeans give to visiting this centre of interest, the second cause is that no single collection of specimens has been kept with that scientific accuracy and thoroughness necessary to attract professional and amateur scientists seeking information upon a particular subject which interests them. The third cause is that there has never been any sign or notice outside the building to indicate to the casual visitor its character, or that of its contents, and fourthly, when the casual visitor has been led by curiosity to go into the Museum, the labels explanatory of contents of the cases were either missing or were altogether wrong, or lacked sufficiently detailed information to arouse any interest.

Policy of the development of the future.

IV. The size of the building and the grant, the character and qualifications of the staff and the type of the great majority of the visitors, render the Establishment of a great Scientific Museum at the Victoria Gardens impossible, and unnecessary. To efficiently carry out a modest scheme is preferable to attempting a more pretentious one with inadequate means. The Commissioner has therefore given his sanction to the proposals of the Curator to develope the Natural History side of the collection in the pictorial direction and by means of large groups of animals in action amid their natural surroundings, to teach the elementary facts of Natural History to the crowds of native visitors to the Museum. These visitors are primarily attracted by what is going on in the picture, but as only those animals, birds and snakes, found in the same locality, will be grouped together, lessons in Elementary Natural History, will be imparted. The actual grasses, trees and rocks amid which, these animals are found will be introduced and back-grounds of distant scenery will be painted from sketches made from Nature to complete the illusion. A small drawing of the animals shown in each group, giving their names in the principal vernaculars and in English, will provide further information. In course of time, a really popular Museum such as is possessed by no other city, will be developed, illustrating the surroundings and habits when free, of the animals seen in the cages in the Gardens.

Economic Products Sections.

V. The proposed development of the Economic Section is to record by means of Specimens, models, and photographs, the various stages traversed by each product, from the seed or mineral, to the manufactured article.

Advance made during the current year.

VI. A thorough rearrangement of the old specimens was begun in July last. In place of the Natural History and Economic Products cases being mixed together on both the ground and upper floor, as they then were, the Natural History cases were collected on the ground floor, and the Economic Products in the gallery. The various specimens have been placed together and follow in their natural order. A beginning has been made in providing labels for specimens which were without them, and in replacing stained and faded lables with new ones.

Two hundred and sixty-two specimens of Zanzibar fishes which had been without labels for some years were identified by the Assistant Curator. In order to accelerate this work an extra assistant Mr. J. Woode-Mason and a native clerk were engaged for work in the Economic Products Section and they catalogued, arranged and labelled 2,000 specimens.

New specimens purchased or acquired. Natural History.

VII. Two monkeys, two tiger cubs, two antelopes, one Orangutan, one Caracal, and a panther were received from the Superintendent, Victoria Gardens. The monkeys, tiger cubs, and the young Orangutan, were skinned, stuffed and mounted. The remaining had their skins cured for exhibition purposes. Seventeen dead birds were received from the Superintendent, Victoria Gardens. These were all skinned, stuffed and mounted. Also nine old specimens were re-stuffed and mounted.

Economic Products.

VIII. Specimens of coir matting were obtained from the Superintendents of Thanna and Yerrowda Jails to illustrate the uses of this product. Arrangements have been made to obtain a complete collection of native woods from the Conservators of Forests of the Divisions of this Presidency. Few new specimens have, however, been acquired in this Section, it being impossible to know what new ones will be required until those already possessed by the Museum have been arranged and the Museum duplicates eliminated. This is being now done, and during the year 1904-05 the gaps in the sequence of examples will, it is hoped, be filled.

Accurate arrangements of specimens.

IX. The objects contained in the Museum cover a much wider field than the scientific knowledge of the present staff can pretend to grapple with. The Commissioner has therefore sanctioned as an experiment the engagement of a specialist in Geology to arrange the geological specimens. This collection will then be made both interesting and instructive, and the system may be extended to other branches of the scientific exhibits. By this means without a large annual expenditure upon specialists on the staff the specimens possessed by the Museum will be satisfactorily arranged.

Coins

X. Coins were received from the Bombay Branch, Royal Asiatic Society, by order of the Government of India No. 46—1668-82, 9th October 1884, they were :—

(1) one gold Padmataṅka found in the Nasik District.

(1) one silver Mahomed (Mogul) found in the Panch Mahals.

(1) one copper Ahmedsha I found in the Nasik District.

Library.

XI. The books acquired by the Library consist of (38) thirty-eight valuable works on Natural History, Zoology, Entomology, Botany, Biology, and Travel.

Donations.

XII. A very complete and extremely interesting collection of Paleolithic and Neolithic implements discovered by Mr. Bannatyne Macleod, I.C.S., and Mr. Setton-Karr were presented to the Museum by those gentlemen and were arranged in a case and labelled by the latter. Sixteen specimens of wool dyeing and carpet weaving, plain and washed wool, sample of dyeing materials for blue, yellow, green, and red, (23 specimens) samples of wool dyed in these colours, and a sample of carpet were received from the Curator.

Four specimens of Lasundra crude salt, and salt earth from Kaira were presented by C. Hudson, Esq., I.C.S., Collector of Kaira; a model of an Irani Persian hat was received from Mr. Cursetjee M. Hakim of Alibag.

APPENDIX A.

Statement showing the expenditure incurred on the Victoria and Albert Museum during the year 1903-1904.

Particulars.	Budget Estimate.	Actual Expenditure.	Remarks.
	Rs. a. p.	Rs. a. p.	
Museum Establishment	5,272 0 0	4,315 0 0	
Contingencies including cases, Printing, and Stationery	1,000 0 0	580 7 7	
Natural History	1,200 0 0	466 3 8	
Artware	1,200 0 0	*Nil.*	
Grant for Books	500 0 0	463 10 0	Including Rs. 192 for Bombay Natural History Society's Journals.
Maintenance of Museum Garden ...	600 0 0	600 0 0	
Repairs to Museum Buildings	413 0 0	464 15 2	
[c] Special grant for Buildings	51 15 2		[c] For repairing and fixing an ornamental plank.
Insurance of Museum Buildings	485 0 0	484 6 0	
Artware, Natural History and other grants amalgamated for the re-arrangement of Museum collections to special Assistant for fixing labels to Museum Specimens	.....	495 0 0	
Extra Clerk for Specimens	.....	111 1 8	
Coolies, 229 men for carrying Museum cases and re-arranging Museum specimens	.....	108 11 0	
One large show-case	.....	800 0 0	
Three teak-wood frames	.....	20 0 0	
Repairing, polishing and supplying glass to a damaged case	.....	160 0 0	
Total Estimate ...	10,721 15 2	9,669 11 2	Expenditure.

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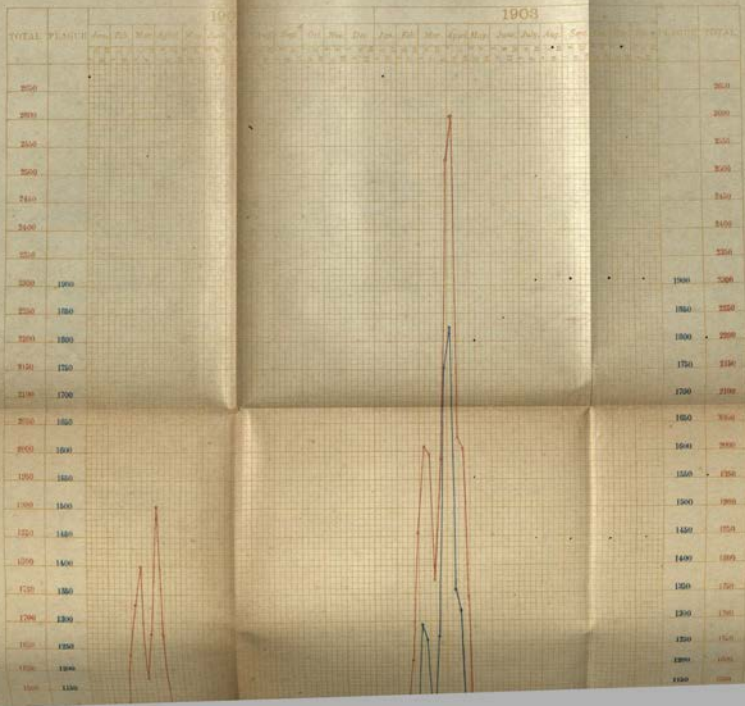
DIAGRAM

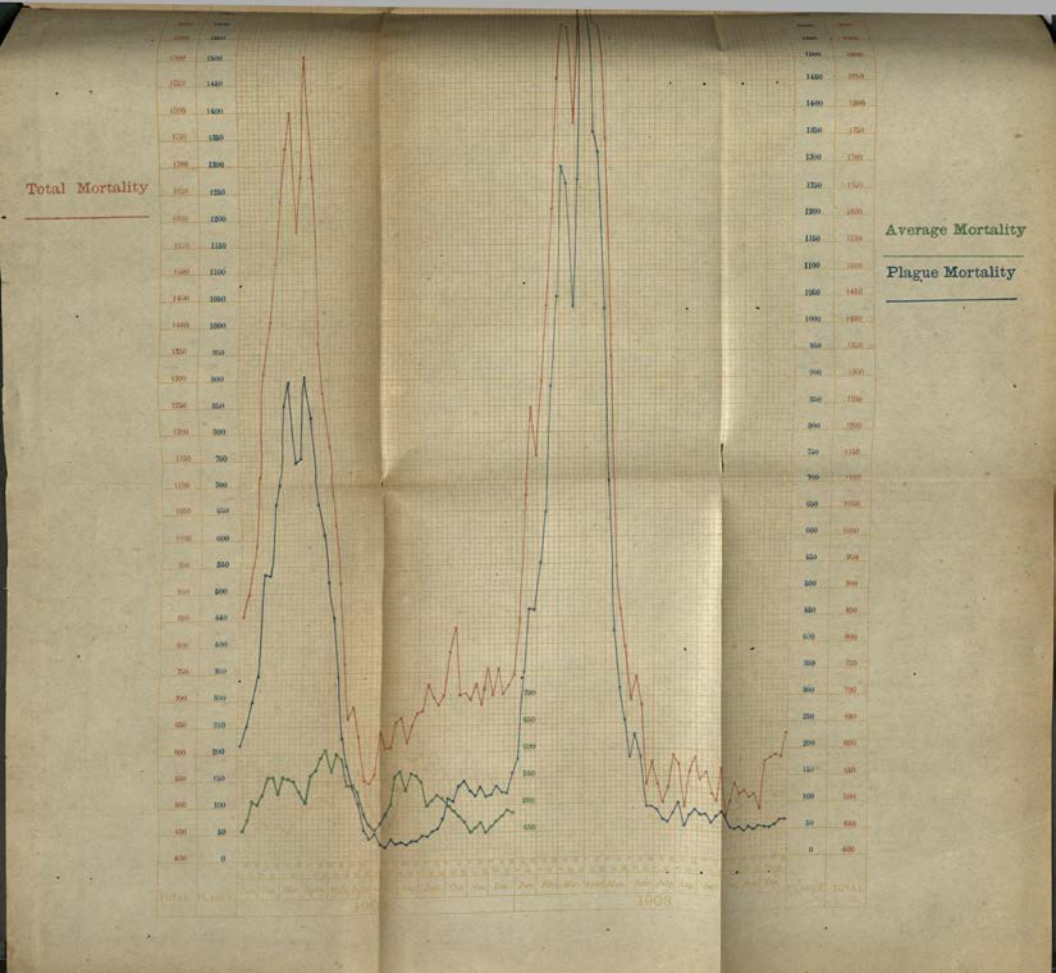
SHOWING

WEEKLY TOTAL AND PLAGUE MORTALITY

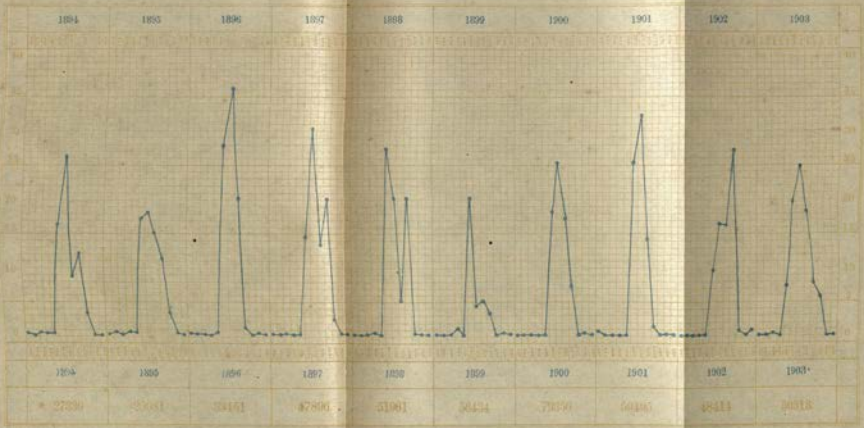
DURING

1902 AND 1903




Total Mortality
Average Mortality
Plague Mortality
1603

RAINFALL BY YEARS AND MONTHS



* These Figures show the Total Number of Deaths exclusive of Stillbirth.

PUBLIC HEALTH.

ANNUAL REPORT OF THE EXECUTIVE HEALTH OFFICER FOR 1903.

I have the honour to forward herewith my Annual Report for the year 1903.

In this report the space allowed is limited, so that it is only possible to give a few extracts of the most important subjects dealt with, so that there should be an annual record of information available for the Corporation.

The population of the City, estimated by the Census of 1901, was 776,006, and it is on this population that all the statistics are based.

The number of births registered during the year was 16,375, being 1,224 less than in the last year and 3,332 more than the average of the preceding five years, giving a birth-rate of 21·10 per 1,000 of the population as against 22·67 during the corresponding period of the last year; of the total number of births 8,506 were males and 7,869 females, and 1,818 still-born births. The decrease in the number of births is due to the fact that a large number of people had left Bombay during the first five months of the year owing to the scare of plague, the mortality from which was very high during those months; rate amongst Parsees was 25·26 and amongst Europeans 14·34 as against 24·55 and 11·81, respectively, during the last year. Birth-rate.

TABLE SHOWING THE NUMBER OF BIRTHS AND THE BIRTH-RATE BY CLASSES IN 1903.

Classes.	Population by Census of 1901.	Number of Births.	Birth-rate per 1,000 of Population.
Jains	14,248	507	35·58
Brahmins	31,078	406	13·58
Lingaets	2,144	43	20·05
Bhatias	5,359	164	30·60
Hindus of other castes	396,501	7,476	18·85
Do. low-castes	73,617	2,269	30·82
Mussalman	155,121	3,449	22·23
Parsees	46,231	1,168	25·26
Jews	5,357	142	26·50
Native Christians	29,645	480	16·52
Eurasians	3,258	85	26·08
Europeans	12,273	176	14·34
Negro-Africans	626	5	7·98
Buddhists	395	4	10·12
Other and unknown castes	153	1	6·53
Total ...	776,006	16,375	21·10

The number of deaths in the City of Bombay during the year 1903, exclusive of still-born, was 50,513, being 2,099 more than in the previous year but 8,618 less than the average of the preceding five years, giving an annual death-rate of 65·09 per 1,000 of the population. Mortality.

The mortality during the year under report, although more than in the previous year, was the lowest of the previous corresponding period of any year since 1898 as shown below, and was chiefly due to plague and small-pox :—

Years.	Total number of deaths.
1898	51,961
1899	56,434
1900	79,350
1901	59,495
1902	48,414
1903	50,513

The death-rate from all causes during the last 13 years was—

Years.	Death-rate
1891	29·01
1892	32·26
1893	28·16
1894	53·25
1895	30·52
1896	40·71
1897	58·28
1898	63·23
1899	68·07
1900	96·55
1901	76·66
1902	62·38
1903	65·09

Zymotic diseases.

The principal Zymotic, diseases under the heading of which deaths are returned in Bombay, are Plague, Cholera, Small-pox, Measles, Enteric Fever, Malaria, including Ague and Remittent Fever, Relapsing Fever, Influenza, Whooping Cough, Diphtheria, Dysentery and Puerperal Septicæmia. The number of deaths from Zymotic diseases was 27,289, giving a Zymotic death-rate of 35·16 per 1,000 of the population.

The following is the list of the deaths from Zymotic disease during 1902 and 1903 :—

	1902.	1903.
Small-pox	238	1,477
Measles	642	1,115
Plague	13,820	20,788
Enteric Fever	89	45
Malarial Fever, including Ague and Remittent Fever	4,429	2,288
Relapsing Fever	651	167
Influenza	7	2
Whooping Cough	83	19
Diphtheria	5	3
Cholera	75	17
Dysentery	1,377	1,003
Puerperal Septicæmia	477	365
Total ...	21,943	27,289

Plague Mortality.

As in the previous year the control of all the plague measures was under the Health Department in the year under report.

The mortality from Plague commenced to rise, as usual, in the month of January and reached its maximum on the 31st of March and then declined.

The number of attacks and deaths registered from Plague during the year was 23,344 and 20,788, respectively, as against 16,423 attacks and 13,820 deaths during the previous year.

The general Hindu community suffered severely from Plague as in previous years, the number of deaths amongst this class being 13,288 as against 8,597 during the last year.

There was an increase in the number of deaths from Plague in all the communities except Europeans and Negro-Africans, who show 8 and 4 deaths as against 13 and 9, respectively, during the previous year.

There was a decrease in the number of deaths from Plague in Girgaum, 1st Nagpada and Sewri Sections, the number being 471, 27 and 144, respectively, as against 576, 45 and 145 during the last year. In all the other sections of the City, there was an increase in the number of deaths from Plague.

As regards the larger number of deaths in Worli Section 1,884 as against 761 during the past year, I may point out that Worli is a large manufacturing district as evidenced by the fact that it contains 35 large mills and one very large Workshop belonging to the B. B. & C. I. Railway Company, where thousands of work-people are employed daily. The labourers naturally like to live as close to their places of work as possible, and hence the district is apt to be congested. It is a well known fact that overcrowding is an important factor in increasing the number of deaths from Plague.

Our difficulties in combating the Plague during the earlier part of the year were aggravated by the presence of a woman at Worli who posed as a goddess gifted with the power of curing Plague. Large numbers of people gathered round her residence and many plague patients were conveyed in public conveyances to her. As soon as this was brought to my notice, every endeavour was made to prosecute the woman, and the Police, under Sections 268 and 269 of the Indian Penal Code, instituted the necessary proceedings. The Magistrate, in the first instance, acquitted the woman, and we were rendered helpless owing to the limited powers granted to the Health Officer, but subsequently an appeal having been made to higher authorities, further proceedings were instituted and the woman was convicted.

Out of 20,788 deaths from Plague 13,288 were amongst males and 7,500 amongst females as against 9,159 and 4,661, respectively, during the last year.

Between the ages of 10 to 40 years the highest number of deaths from Plague occurred amongst males and females.

The highest Plague mortality was recorded in the month of March, the number being 5,865, April coming next with 5,737; the lowest mortality was in November, 221, deaths being recorded.

The Plague mortality was highest on the 31st of March, when 279 deaths from Plague were registered, while on the 30th of March the highest daily mortality for the year was recorded, *viz.*, 100 as against 287 on the same date in the past year.

STATEMENT SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM PLAGUE AND THE TOTAL DEATHS BY DAYS IN 1903 (EXCLUDING STILL-BORN).

Date.	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.			Remarks.
	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A.	D.	M.	A	D.	M.	A.	D.	M.	A.	D.	M.	
1	22	23	112	84	76	186	210	195	284	303	253	349	110	117	195	32	30	103	14	9	64	17	10	71	5	9	82	22	17	75	7	9	67	10	7	70	
2	24	20	123	75	66	175	189	199	293	299	254	373	110	86	168	40	37	117	11	7	57	10	11	85	13	14	76	7	9	53	11	10	62	9	10	87	
3	20	22	110	94	89	222	220	191	295	295	265	373	121	115	209	34	29	114	21	13	76	14	12	86	8	5	77	14	11	68	4	3	75	12	8	80	
4	36	22	123	102	87	202	208	182	281	295	271	370	76	72	160	26	20	77	22	16	97	16	13	72	18	15	82	12	8	58	6	7	68	7	4	85	
5	24	26	108	102	93	195	213	181	288	274	259	382	105	86	177	43	40	104	9	11	86	10	14	89	18	16	86	8	8	74	14	11	87	5	3	80	
6	49	36	142	89	73	183	207	181	299	284	259	376	70	70	147	42	33	99	17	16	83	7	9	65	11	13	69	8	7	78	5	4	74	7	9	86	
7	40	36	125	119	106	222	209	185	305	255	249	381	82	80	158	27	25	110	21	15	69	9	7	71	10	5	87	9	8	60	11	12	74	6	6	95	
8	37	33	142	104	88	218	182	189	288	235	238	327	67	55	138	46	45	120	10	16	83	5	5	56	12	9	81	8	7	70	7	8	70	14	10	68	
9	57	42	147	82	73	187	173	169	264	246	194	284	61	47	134	37	36	113	9	5	65	9	7	69	9	7	79	11	10	84	2	5	64	8	8	73	
10	63	47	160	141	115	227	189	167	271	180	179	276	41	53	124	27	31	114	10	9	70	9	10	67	10	11	69	5	4	66	7	7	71	9	7	88	
11	66	63	181	140	114	219	177	148	256	225	200	305	66	67	130	27	28	99	10	10	69	8	4	75	7	5	73	14	10	77	8	7	65	12	11	99	
12	48	50	135	116	99	195	147	152	267	223	195	278	61	47	112	35	24	116	11	12	76	11	6	72	18	12	79	12	10	71	14	8	67	8	7	76	
13	94	74	187	115	98	204	162	133	243	208	195	298	68	54	130	38	33	91	11	10	70	10	6	72	8	11	73	9	12	76	8	11	83	12	11	85	
14	73	68	188	158	117	225	140	133	232	169	156	287	49	52	137	33	24	88	6	4	66	16	13	82	12	9	71	7	7	66	11	7	82	7	4	87	
15	77	62	166	158	153	261	175	152	269	216	202	307	55	50	122	17	21	84	8	11	80	12	11	80	7	6	73	15	11	73	4	3	67	11	8	79	
16	68	59	176	158	138	255	167	146	256	218	209	300	42	40	131	31	22	89	8	8	87	16	16	99	17	15	80	10	8	83	10	8	75	16	12	96	
17	66	57	173	164	157	255	193	159	252	212	186	283	45	38	97	15	17	87	7	8	67	10	10	85	14	13	73	5	4	64	9	4	75	5	6	82	
18	73	55	172	161	127	230	160	142	253	223	188	298	45	43	123	15	11	71	13	10	76	21	14	78	10	9	76	10	6	83	5	8	73	12	8	72	
19	72	73	184	140	144	240	181	138	251	233	195	243	39	38	121	12	11	76	17	9	74	24	14	84	10	9	72	10	13	93	10	11	76	11	9	70	
20	99	82	194	165	140	272	195	184	286	161	168	282	40	44	117	15	13	85	6	11	73	17	14	84	11	11	67	7	10	74	9	6	64	8	11	91	
21	91	75	204	172	165	276	211	174	267	181	168	246	45	43	116	13	9	74	13	6	71	10	10	64	16	13	71	10	12	77	8	6	82	8	7	91	
22	89	72	180	181	153	297	217	179	269	182	134	231	50	33	129	14	17	86	8	10	67	12	14	94	15	9	66	14	7	61	11	7	67	11	12	79	
23	70	62	151	157	164	267	238	224	338	181	158	267	43	40	114	8	12	68	16	16	80	10	7	75	15	18	70	9	7	69	9	5	50	14	9	80	
24	79	62	165	193	157	272	251	219	320	196	167	270	36	37	120	9	9	73	15	7	95	10	13	85	14	11	80	10	9	85	11	10	75	11	11	90	
25	70	57	149	195	172	284	259	227	332	169	152	258	22	23	82	26	22	98	12	15	81	12	15	95	14	15	84	10	9	71	12	12	84	10	11	92	
26	51	61	149	195	177	284	242	215	309	150	137	240	34	34	115	20	12	86	7	6	83	14	10	73	14	11	88	7	12	81	6	5	64	4	2	84	
27	73	56	159	193	188	293	290	243	360	143	152	248	30	24	88	10	9	71	20	12	84	15	16	78	16	13	85	5	5	70	5	8	88	4	4	80	
28	81	57	167	206	163	276	329	262	372	144	127	233	25	20	91	9	12	83	13	14	97	15	10	76	6	5	65	7	5	72	11	9	96	8	9	87	
29	99	73	182	...	...	...	275	252	366	133	118	217	28	18	96	9	14	85	17	15	81	11	8	73	12	10	90	7	4	87	5	6	87	16	16	114	
30	96	85	206	...	...	...	272	265	400	131	109	214	28	26	97	18	11	76	18	22	93	13	15	72	13	14	72	8	6	72	8	6	84	23	19	98	
31	89	85	205	...	...	...	290	279	382	...	...	...	25	29	98	...	...	...	19	15	82	11	11	86	...	...	...	10	7	85	...	...	...	17	12	99	
Total.	1,996	1,695	4,959	3,959	3,492	6,622	6,571	5,865	9,148	6,362	5,737	8,816	1,719	1,581	3,976	728	657	2,757	399	348	2,402	384	335	2,404	363	323	2,296	300	263	2,276	248	221	2,214	315	271	2,643	

Total for the year 1903.			
	A.	D.	M.
	23,343	20,788	50,513

PLAGUE

1903.

Total Attacks — 23,344.

Total Deaths 20,788

Per cent

Proportion of Deaths to attacks 89·09

Per thousand of Population according to the Census of 1901 —

Death-rate amongst Males .. 27·69.

Death-rate amongst Females . 25·21.

The figures in each Section, show the death-rate from Plague per 1000, calculated on the Census of 1901.

Statement showing the week in which the highest total Mortality was registered in each Section in 1903

Sections.	Highest Death-rate from all causes since Jan. 1902.	During week ending
Upper Colaba	45·72	March 24th
Middle & Lower Colaba ...	130·15	April 7th
Fort Southern	62·85	March 31st
Fort Northern	158·61	April 7th
Esplanade	100·01	March 3rd
Mandvi	165·59	April 7th
Chinkis	145·01	March 3rd
Umerkhadi	153·81	.. ..
Daugri	211·80	February 10th
Market	148·23	March 3rd
Dhobi Talao	184·75	.. 10th
Fanaswadi	267·09	.. 10th
Bhuleshwar	197·82	April 7th
Khara Talao	220·02	February 24th
Kumbharwada	209·55	March 31st
Khetwadi	197·20	.. ..
Girgaum	293·82	.. 10th
Chaupati	301·38	.. 3rd
Walkeshwar	93·55	May 5th
Mahalakshmi	181·07	April 7th
Mazagon	284·82	.. ..
Tarwadi	267·60	.. ..
2nd Nagpada	179·01	.. 28th
Kumathipura	239·49	February 24th
Tardeo	210·89	March 31st
Byculla	298·58	April 7th
1st Nagpada	39·35	.. 14th
Parel	232·29	.. 7th
Sewri	130·23	.. ..
Sion	190·97	March 31st
Mahim	157·39	April 14th
Worli	286·30	March 31st

— *Scale 3960 Feet to one Inch.* —

In the following table, it will be observed, that there has been a marked decrease in the number of deaths from Fevers, Cholera, Phthisis, diseases of the Nervous System, Diarrhœa and Dysentery as compared with the figures of the last year :—

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM DIFFERENT CAUSES IN 1902 AND 1903.

Cause of Death.	1902.		1903.	
	Number of Deaths.	Death-rate per 1,000 of Population according to the Census of 1901.	No. of Deaths.	Death-rate per 1,000 of Population according to the Census of 1901.
Small-pox	288	·37	1,477	1·90
Measles	642	·82	1,115	1·43
Fevers	4,518	5·82	2,333	3·00
Cholera	75	·09	17	·02
Plague	13,820	17·80	20,778	26·78
Phthisis	3,957	5·09	2,842	3·66
Diseases of the Nervous System	3,027	3·90	2,282	2·94
,, Respiratory System	7,250	9·34	7,101	9·15
Diarrhœa	2,266	2·92	1,757	2·26
Dysentery	1,377	1·77	1,003	1·29
Accidents	732	·94	547	·70
All other Causes except Still-born	10,462	13·48	9,251	11·92
Total	48,414	62·38	50,513	65·09

The following table shows the total mortality by months, the highest being registered in the month of March and the lowest in the month of November :—

TABLE SHOWING THE NUMBER OF DEATHS FROM ALL CAUSES BY MONTHS IN 1902 AND 1903.

Months.	No. of Deaths from all Causes exclusive of Still-born in 1902.	No. of Deaths from all Causes exclusive of Still-born in 1903.
January	4,389	4,959
February	6,055	6,622
March	7,700	9,148
April	5,917	8,816
May	3,598	3,976
June	2,477	2,757
July	2,754	2,402
August	2,873	2,464
September	3,013	2,296
October	3,315	2,276
November	3,081	2,214
December	3,242	2,643
Total	48,414	50,513

28,934 males and 21,579 females died during the year. The highest number of deaths amongst males occurred in the age-period between 20 to 25 years, 3,484 deaths having been registered, and amongst females like the previous year in the age period of 15 to 20, 2,218 deaths having been registered. The lowest number of deaths amongst males and females occurred in the age-period between 4 to 5 years, 292 and 283 deaths respectively having been registered during the year.

It will be seen from the following table that amongst persons born in Bombay, 16,627 deaths were registered during the year, and amongst those born outside of Bombay 32,756. The places of birth of 1,130 persons could not be ascertained out of 32,756 deaths among persons born outside of Bombay 21,134 deaths were amongst those who resided in Bombay for one month and under :—

TABLE SHOWING THE NUMBER OF DEATHS, EXCLUSIVE OF STILL-BORN, ACCORDING TO PLACE OF BIRTH IN 1903.

Months.	Bombay.	Elsewhere.	Unknown.	Total.
January ...	1,674	3,160	125	4,959
February ...	1,937	4,571	124	6,632
March ...	2,529	6,455	164	9,148
April ...	2,435	6,197	184	8,816
May ...	1,320	2,560	96	3,976
June ...	1,063	1,634	61	2,757
July ...	984	1,378	40	2,402
August ...	1,015	1,332	57	2,404
September ...	950	1,308	38	2,296
October ...	885	1,337	54	2,276
November ...	858	1,275	101	2,214
December ...	1,008	1,549	86	2,643
Total ...	16,627	32,756	1,130	50,513

Death rate by classes

The death-rate by classes is shown in the following table. It will be seen from this that the Jain community, which includes Banias, shows the highest mortality, *viz.*, 143·87 per 1,000 of population. Next comes Lingaets, the death-rate amongst this class being 90·01. The general mass of the Hindu community give a death-rate of 68·66. Hindus, low-caste, show the death-rate of 68·23 and Mussalman 66·05. The death-rate amongst Parsees was 29·56. European death-rate being less than the last year, *viz.* 15·48 as against 21·99. Negro-Africans and Buddhists, who form very small communities, in the City, show the death-rate of 65·49 and 37·97 respectively :—

TABLE SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM ALL CAUSES BY CLASSES IN 1903.

Classes.	Population by Census of 1901.	Number of Deaths.	Mortality per 1,000 of Population.
Jains	14,248	2,050	143·87
Brahmins	31,078	1,886	60·68
Lingaets	2,144	193	90·01
Bhatias	5,359	333	62·13
Hindus of other castes	396,501	27,224	68·66
Do. low-caste	73,617	5,023	68·23
Mussalman	155,121	10,246	66·05
Parsees	46,281	1,367	29·56
Jews	5,357	195	36·40
Native Christians	29,645	1,632	55·05
Eurasians	3,258	109	33·45
Europeans	12,273	190	15·48
Negro-Africans	626	41	65·49
Buddhists	395	15	37·97
Other and unknown castes	153	9	58·82
Total ...	776,006	50,513	65·09

Small-pox.

1,477 deaths from Small-pox occurred during the year as compared with 288 in the last year and 792 during the average of the previous five years. The disease prevailed in an epidemic form in the earlier part of the year and then subsided. It was feared that small-pox would again break out in the City in an epidemic form and on the 19th December I immediately issued a circular to all the Divisional Health Officers and the District Registrars drawing their attention to it and requesting them to make strict enquiry and investigation into each case of small-pox and to remove all such cases to Hospitals, to strictly disinfect the clothes and persuade all unvaccinated contacts to get vaccinated 13 cases of small-pox occurred in a chawl at DeLisle Road and 7 cases in another chawl at Curry Road occupied by mill-hands. The chawls were disinfected and the clothes sterilized. The patients were removed to Hospitals and their rooms thoroughly disinfected. After a fortnight 184 persons from these chawls were vaccinated at the Municipal Dispensary at DeLisle Road. The prompt measures taken by the Divisional Health Officers in isolating the sick and disinfecting the buildings have checked the spread of the disease.

Proceedings were instituted under Section 269 of the Indian Penal Code against a person for having negligently harboured a small-pox patient in a shop where food stuffs were sold and thus caused to spread the infection of small-pox. The man was fined Rs. 100 or in default two months, imprisonment.

Two other persons were prosecuted for keeping a small-pox patient in a tailor's shop so as to spread the infection of small-pox, both of them were convicted and fined, one rupees 25, and the other rupees 50.

Abstract of Monthly Return of Vaccination by the Superintendent of Vaccination, Presidency Circle, Bombay, for the year 1903.

Months.	Primary Vaccine Operations.																																				Re-vaccinations.										Primary results seen after the sending in of the last Monthly Return.									
	Total number of persons primarily vaccinated.	Sex.		Caste.																				Age.										Results.												Number of operations in excess of persons.	Total number of persons re-vaccinated.	Sex.		Results.				Number of operations in excess of persons.									
				Christians.				Hindus.				Mussalmans.				Other Castes.				Under 1 Year.				Under 6 Years.				Upwards.				Under one Year			Under 6 Years.			Upwards.			Total Results.																		

Cholera.

17 deaths from Cholera were registered during the year being 58 less than in the last year and 935 less than in the corresponding period of the preceding five years. The cases were of sporadic nature. Of the total number of deaths 11 occurred amongst Hindoos of other caste as against 47 in the previous year; 2 amongst Mussalmans as against 13 in the previous year; 3 amongst Hindus of lower caste and 1 amongst Parsees as against 4 and 5 respectively in the previous year; 2 deaths occurred amongst persons who had resided in Bombay for 3 months and under, and 2 amongst those who resided in Bombay for 6 months and under. Out of 17 deaths, 13 occurred amongst persons born out of Bombay.

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA BY SEX IN 1903.

Sexes.	Cases.		Percentage of Deaths to Attacks.
	Attacks.	Deaths.	
Males	15	11	73·33
Females	9	6	66·66

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA BY MONTHS IN 1903.

Months.	Attacks.	Deaths.
January	3	2
February	1	1
March	3	2
April...	1	.....
May	2	2
June	3	1
July	5	4
August	3	3
September	1	1
October	.....	.....
November	.....	.....
December	2	1
Total ...	24	17

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO DURATION OF RESIDENCE IN BOMBAY IN 1903.

Duration of Residence in Bombay.	Cases.		
	Attacks.	Deaths.	Percentage of Deaths to Attacks.
Under 3 months	3	2	66·66
„ 6	3	2	66·66

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO PLACE OF BIRTH IN 1903.

Birth-place.	Cases.		
	Attacks.	Deaths.	Percentage of Deaths to Attacks.
Bombay	6	4	66·66
Elsewhere	18	13	72·22

CHOLERA

1908.

Total Attacks — 24.

Total Deaths — 17.

	Per cent.
Proportion of Deaths to attacks	70·83
Per thousand of Population according to the Census of 1901.—	
Death-rate amongst Males	·02
Death-rate amongst Females	·02

The fractional figures in red show the date of the 1st attack in each Section: the numerator showing the day and the denominator the month.

The figures in black show the death-rate from Cholera per 1000 calculated on the Census of 1901.

— *Scale 3000 Feet to one Inch.* —

2,333 deaths were registered from fevers during the year, as compared with 4,518 in the last year. Malarial Fever, including Ague and Remittent Fever, claims the highest number, *viz.*, 2,288, being 2,141 less than the last year and 3,580 less than the average of the preceding five years. To Enteric Fever 45 deaths were registered, being 44 less than the last year and 13 less than the average of the preceding five years. The diseases, as in previous years, commenced rising from January to March. In February the highest number of deaths, *viz.*, 254, were registered and from the month of April the disease gradually declined till the end of the year. Excluding Negro-Africans and Buddhists who form very small communities, there was a decrease in the number of deaths in all the other communities as well as in all the sections of the City. Fevers.

The general mass of Hindu community show a remarkable decrease, the rate being 2·80, as against 6·02 in the previous year. Mussulman give the death-rate of 2·85 as against 5·21 in the previous year. From the statement given below it will be seen that the deaths registered from Fever mortality are much lower than any of the previous years from 1894. This is due to the accurate registration of the causes of deaths, as every death is carefully inquired into by the District Registrar and in many instances certificates from the medical men certifying the causes of death are received, thus a more accurate diagnosis is obtained.

STATEMENT SHOWING THE NUMBER OF DEATHS FROM FEVERS FROM 1894 TO 1903.

—	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.
Number of deaths from Fevers ...	6,458	6,404	8,776	6,951	4,114	5,063	7,928	7,921	4,518	2,333

From Relapsing Fever 167 deaths were registered, being 484 less than in the last year and 769 less than the average of the preceding five years.

1,115 deaths from Measles were registered during the year, being 473 more than the last year and 249 more than the average of the preceding five years. The disease prevailed in an epidemic form in the City and caused 838 deaths amongst infants under 3 years of age.

From Influenza 2 deaths were registered during the year, being 5 less than in the last year and 7 less than the average of the preceding five years.

From Whooping Cough 19 deaths were registered, being 64 less than in the previous year and 151 less than the average of the last five years.

To Diphtheria 3 deaths were ascribed, being 2 less than in the last year and 2 less than the average of the preceding five years.

To Diarrhœa 1,757 deaths were due, being 509 less than in the last year and 1,211 less than the average of the preceding five years.

To Dysentery 1,003 deaths were due, being 374 less than in the last year and 774 less than the average of the preceding five years.

365 deaths from Puerperal Septicæmia were registered during the year, being 151 less than in the last year and 141 less than the average of the last five years.

To Leprosy 102 deaths were ascribed, being 9 less than in the last year but 12 more than the average of the preceding five years.

97 deaths from premature birth were registered during the year, being 3 less than in the last year and 19 more than the average of the last five years. 2,831 deaths from debility and 1,832 deaths from old age were registered during the year, being 496 and 18 less respectively than the previous year and 282 less than 126 more respectively than the average of the preceding five years. Out of 2,831 deaths from debility 2,071 deaths were of infants under thirty days.

From diseases of the Nervous system 2,282 deaths including 1,749 deaths from infantile convulsions were registered during the year, being 745 less than the last year and 901 less than the average of the last five years.

From diseases of the Circulatory system 322 deaths were registered, being 42 less than the last year and 20 less than the average of the previous five years.

2,842 deaths from Phthisis were registered during the year, being 1,115 less than the last year and 3,223 less than the average of the last five years.

The most fatal period of life amongst males was between the ages of 20 to 30 and that of females between the ages of 15 to 25. The female death-rate was more than double that of male. Excluding Negro-Africans which form a very small and fluctuating community in the City, the mortality from this disease was high amongst Jains, but less than the last year, the rate being 7·65 as against 11·22 in 1902.

There is a remarkable decrease in the number of deaths amongst Mussalmans, the rate being 6·00 as against 8·52 in the previous year. The crowded sections of Byculla, Chuckla, Umarkadi, Dongri and Parel give the highest incidence of Phthisis mortality. Although almost all cases of Phthisis are seen and enquired into, and free medical aid and advice is given to such patients, our efforts in controlling the spread of this disease from one affected person to another cannot prove successful owing to the conditions under which the poor of this City live in overcrowded rooms. The danger of infection of Phthisis cannot be abolished by merely controlling the sputum. It is very dangerous if the sputum is left to dry and pulverise.

All rooms in which deaths from Phthisis occur are disinfected mostly by means of perchloride of mercury solution. But the experiments of Schill and Fischer are unfavourable to the use of this chemical in the disinfection of tubercle-infected houses. Light is said to be the most important natural disinfectant in the case of tubercle bacillus, but this is a blessing hard to obtain in the majority of our ill-ventilated and overcrowded chawls.

To other diseases of Respiratory system 7,101 deaths were registered, being 149 less than the last year and 1,829 less than the average of the previous five years. Of these 3,957 deaths were referred to Bronchitis and 1,975 to Pneumonia, as against 4,001 and 1,867 respectively in the previous year.

From diseases of the Digestive system 1,123 deaths were registered, being 81 less than the last year and 359 less than the average of the previous five years.

From diseases of the Lymphatic system, 40 deaths were registered, being 37 more than the last year and 23 more than the average of the previous five years.

From diseases of the Urinary system 251 deaths were registered, being 10 more than the last year and 1 more than the average of the previous five years.

From diseases of the Generative system, 211 deaths were registered, being 54 less than the last year and 290 less than the average of the previous five years.

To organs of locomotion and connective tissue, 105 deaths were registered, being 3 less than the last year and 41 less than the average of the previous five years.

42 deaths were due to poison, being 32 less than the last year and 19 less than the average of the previous five years; of these 37 were suicidal, 4 accidental and in one instance the circumstances under which death took place were not known. 121 deaths took place from drowning, being 20 less than the last year and 10 less than the average of the last five years; of these 45 were suicidal, 54 accidental and in 22 instances the circumstances under which death took place were not known. 384 deaths were due to injuries, being 133 less than the last year and 159 less than the average of the preceding five years.

The number of deaths amongst children under one year of age was 8,718, being 835 less than the last year; of these 7,567 deaths took place amongst the children born in Bombay and 1,151 amongst those born out of Bombay.

Infant Mortality.

The number of births registered during the year was 16,375, giving an infant mortality of 532·39 per 1,000 of the births. Small-pox and Measles prevailed during the year in an epidemic form and accounted for 436 and 441 deaths of infants under one year of age respectively as against 87 and 205 deaths in the previous year. Diseases of the Respiratory System are stated as being responsible for 2,290 deaths amongst infants under one year of age as against 2,347 in the previous year.

The other causes given are—Diseases of the Nervous System including "Convulsions" 1,591, Debility 2,570 of the latter, 2,071 deaths were among infants under thirty days. Diarrhœa is responsible for 539 deaths amongst infants under one year of age.

I give below a statement showing the infant mortality from 1891 to 1903.

STATEMENT SHOWING THE INFANT MORTALITY FROM 1891 TO 1903.

—	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.
1 year and under ...	7,418	7 753	6,446	7,451	6,633	7,273	7,508	6,279	8,351	13,492	7,768	9,553	8,713
1 to 4 years	3,374	3,798	2,939	3,798	3,289	3,222	3,835	3,100	4,111	6,894	3,661	3,388	3,512
Total ...	10,792	11,551	9,385	11,249	9,922	10,495	11,383	9,379	12,462	20,386	11,529	12,941	12,230

Two new burial grounds were opened during the year, one for the interments of Shia Ashna Ashari Ismaeli Momen Community and the other for Dawoodi Borah Community, both at Narelwady.

In Appendix B at the end of the report will be found a table showing how the dead of various communities were disposed of.

The following sections show the highest rate of mortality :—Tarwadi, Kamathipura, Girgaum, Dongri, Byculla, Khara Talao, 2nd Nagpada, Kumbharwada and Worli. In Girgaum where there is no overcrowding of the population, the death-rate is much lower than the last year, *viz.*, 84·55 as against 122·78. The crowded sections of Mandvi, Umarkhadi, Market, Fanuswady and Bhuleswar give the death-rate ranging from 63·90 to 75·51. Leaving out 1st Nagpada, where all the insanitary structures have been pulled down, and Fort, South, which residentially is a very small quarter, Upper Colaba, as during last year, has the lowest death-rate, *viz.*, 17·94 as against 27·55, this is due to the fact that the section is occupied by the Europeans in Military service.

Dispensaries.

The ten Municipal Dispensaries were open throughout the year for giving free medical aid to the poor population of the City in their sickness and the results achieved by them are far more satisfactory. The actual number of new cases (individuals) treated at the Dispensaries was 84,886 (54,944 males and 29,942 females), making the total number of attendances 3,50,963, giving a daily average attendance at the Dispensaries of 961. 2,077 patients were seen at the patients' houses.

The diseases generally treated at these Dispensaries were Malarial Fever, Diarrhœa, Dysentery, Rheumatism, Small-pox, Plague, Respiratory Diseases, Nervous Diseases, Measles, Cholera, and Urinary Diseases.

In addition to this the actual number of new cases (individuals) treated at the Colaba and Victoria Bunder Charitable Dispensaries, for which a small contribution is paid by the Municipality and which are under the direct control of the District Registrar, No. 1 District, who visits them once a day, was 7,993 (5,522 males and 2,471 females), making the total number of attendances 23,245, out of which 164 patients were seen at their houses.

Notification of Infectious Diseases.

During the year, 2,661, notifications from qualified Medical Practitioners were received, 2,394 from Plague and 267 from other infectious diseases as compared with 1,576 in the last year. 162 notifications were received from Hakims and Vaids, out of which the diseases reported in 150 cases were, on investigation by the medical men of this Department, found to be correct.

3,971 certificates of the causes of deaths were received from qualified Medical Practitioners, 208 from Hakims and Vaids, and that the causes of 5,045 persons were certified by the various hospital authorities, the Coroner and the Commissioner of Police. The causes of 9,367 persons were certified by the District Registrars after seeing the persons during their last illness and that the causes of 24,155 and 7,758 persons were verified by the Registrars in the former cases on the information gathered from the relatives of the deceased and in the latter cases after seeing the dead bodies. In 9 cases the causes were not ascertained as the residences of the deceased could not be traced.

During the year, 51,274 visits were made to houses by the Nurses working under the District Registrars, and they inquired into 3,400 cases of ordinary sickness, 1,303 cases of infectious diseases and 2,833 deaths amongst the female population of the City, attended 276 confinements and ascertained 4,606 births.

During the year, 881 certificates of deaths and 52 of births, and 28 true copies of death and birth reports were issued from the Head Office to the parents and relations requiring them, and in 140 instances when the date of death or birth was not given, the registers were searched for the whole year in each case.

Notices.

A total number of 2,849 notices issued by this Department, under the various sections of the Bombay Municipal Act, during the year, 1,216 were complied with, 1,307 not complied with, 190 pending and 136 cancelled.

Summonses.

Out of 1,715, total number of summonses issued by the Presidency Magistrates at the instance of this Department during the year, convictions were obtained in 1,452 cases, 3 dismissed, and 260 withdrawn, offences having ceased.

Removal of cutchra.

7,11,794 carts of cutchra, drain stuff and other matter, &c., were emptied at the Tardeo Flats and other places in the City during the year. Out of these carts, 6,88,810 were Departmental and 22,984 private.

1,51,208 night-soil and cesspool carts, and 26,72,995 night-soil baskets were emptied at the several night soil depôts in the City during the year. Out of these carts 1,43,259 were Departmental and 7,949 private.

The total expenditure on the Health Department came to Rs. 18,26,628-3-8 and the income to Rs. 9,35,532-2-7, the actual cost of the Department to the Municipality was therefore Rs. 8,91,096-1-1.

Administration of the Health Department.

The City is now divided into 3 divisions. In each division a Health Officer is appointed, who is responsible for the working of his division under the Executive Health Officer.

These divisions are cut up into wards and sections, having their own offices, stables and staff.

No. 1 under Dr. Cayley, comprising A, B and C Wards, population 376,624; No. 2 under Dr. Yenis, comprising D and E Wards, population 258,281; No. 3 under Dr. Sorab C. Hormusji, comprising F and G Wards, population 141,101.

There are 3 Chief Conservancy Inspectors, 7 Sanitary Inspectors, 14 Assistant Sanitary Inspectors, 7 Conservancy Inspectors, 1 Inspector for night branch and 2 for disposal of town sweepings and 45 Sub-Inspectors. For registration and medical relief of plague and other infectious diseases there are 10 qualified medical men and 20 Hospital Assistants and 10 Nurses.

There are 10 Municipal Dispensaries and Offices for registration of births and deaths.

For veterinary work and inspection of animals and Milch Cattle Stables, there are 3 qualified Veterinary Surgeons.

The labour staff consists of—

96	Maccadums, scavengering.
85	Do. Halalkhores.
2,136	Biggaries men.
1,124	Do. women.
2,504	Halalkhores.
947	Cart drivers, scavengering and drain cleaning.
306	Do. Halalkhores.
1,242	Carts, scavengering.
280	Do. drain.
275	Do. cesspool or night-soil.
2,332	Bullocks.
12	Horses.
3	Mules.

There are 102 birth and death registration karkoons and 5 Cemetery clerks.

In addition to the above 8 Sub-Inspectors, 8 Muccadums and 176 biggaries are employed in the work of flushing of gullies.

The whole of this staff is distributed between the 3 Divisions and is supervised by the Divisional Health Officers.

Removal of house and street refuse by rail.

During the year the question of removal of house and street refuse by rail was again gone into but without any satisfactory result. The difficulties of finding a site of a siding and the conditions imposed by the Railway Companies put many difficulties in the way of solving this very important question. It is to be hoped that in the coming year some solution of this subject will be arrived at.

Dust-bins.

During the year I had occasion to report on the difficulties we have to contend with in providing suitable sites for dust-bin carts.

In view of the many complaints received from the public and in consequence of the operations of the Improvement Trust, it is now practically impossible to find new sites for the dust-bins which are not objected to. Many of the existing sites are a source of constant complaint which cannot be remedied owing to immediate objections being raised to any alternative site which may be selected. At present many of our carts are stationed on roads and foot-paths or on land owned by private individuals, but in other cases they stand on vacant ground belonging to the Municipality. The carts on foot-paths or roads are an obstruction to traffic and in most cases prove an eyesore and a nuisance to persons dwelling in the neighbourhood and to passers by. Sometimes a site suitable for Health Department purposes and more or less unobjectionable from the point of view of the public is found for a cart and all goes well for a time. Sooner or later, however, a building springs up in the neighbourhood, the cart is objected to and it has to be removed to a site which though unobjectionable is too far away from dwellings to be of any practical use.

The operations of the Improvement Trust have necessitated the removal of some of our carts and the greatest difficulty has been experienced in finding new sites. The sites that have been found in these cases are at inconvenient distances, both for the occupants of houses, and for our biggaries sweeping the roads.

It is now absolutely necessary that something should be done to obviate these difficulties, and to attain this end I would suggest (1) that land be acquired by the Municipality throughout the City for providing suitable and permanent sites for dust-bin carts, (2) that such sites be paved and covered in, and (3) that galvanized iron dust-bins or receptacles be kept on private premises and emptied daily by carts moving along the streets. For full particulars see my report under Nos. 9430 of 27th October 1903, 11390 of 10th December 1903, and 11840 of 21st December 1903.

Another difficulty we had to contend with is the form of a cart. In my No. 19637 of 22nd March 1902, I suggested the possibility of adopting a better form of cart and a reward of Rs. 200 was offered for the most suitable pattern, and two were selected and the carts built on the model chosen. After a trial of both carts Powell's model being the most suitable was selected and the prize awarded accordingly.

The present dust-bin cart is, in my opinion, too cheaply constructed and wears out or breaks down very soon, and is in constant need of repairs. What we want is a strong cart made of iron or good seasoned wood with a hinged cover. I think that these carts should be made by contract and kept in repair by the maker who would be bound in his contract to provide a fresh cart for every one under repair. We should then have no cause for complaint and the work of refuse removal would not be delayed. I suggest, therefore, that a tender be asked for 100 carts of the Powell pattern, and that the contract should include a fixed sum for repairs to carts, and that the Contractor should undertake to keep our stock of carts in an approved state.

PAIL DEPÔTS AND REMOVAL OF NIGHT-SOIL.

No progress was made with this the most important question of the public health. The Committee appointed to consider the question met, but only asked for further reports and nothing has been done. I consider that the existing method of collection and disposal of the night-soil is the greatest factor in the ill-health of the people, and the Corporation should seriously and earnestly endeavour to face this most important question and deal with it satisfactorily (see reports). It is so intimately connected with the pollution of the soil that I have referred to it again in this report.

LABORATORY.

The Municipal Laboratory was established in April 1903, and the Municipal Analyst was appointed in the same month, and the result of the first year's work is reported in my No. 16533 of 14th March 1904, from which I quote the following extracts :—

"For the last six months samples of milk, ghee and other articles of food have been sent "into the Laboratory by the Divisional Health Officers for analysis. In all 38 samples of milk, "25 of ghee and 4 of butter have been sent in. 13 samples of milk were found to be watered "and 2 were of doubtful purity. Four of the ghee samples were found adulterated. In "addition to this 50 samples of milk were analysed which were procured direct from the "buffaloes in order to form a standard.

"There is no difficulty in collecting and sending in samples of milk, ghee and food for "analysis, and no expenditure is incurred beyond the small amount spent in purchasing "samples.

"At present we have no power to proceed against persons selling adulterated milk, but "the work done has been of value in ascertaining how far such adulteration exists and in "forming a standard of such articles.

"All that is required to be done is to amend the Act so as to include milk, ghee and "other articles of food and drink as suggested in my former reports. When the Act is "amended, a more detailed method will have to be employed, and many more samples sent for "analysis, and two or three Food Inspectors appointed, as more time will be required in taking "and separating samples of food, &c., sealing and delivering them, attending Court and giving "evidence.

"The only additional expenditure likely to be involved will be the pay of the three "Inspectors at Rs. 100 each per month.

"I would therefore most strongly urge that the Corporation be asked to request "Government to notify milk, ghee and other articles of food, medicines and drink in Act II "of 1899."

FOOD AND DRUGS ACT.

The Committee sat but no progress has been made, the Committee asking for further information as to the possibility of working the proposed amendments. The information now before the Committee is complete and the following year will, I hope, see some results.

Drainage and Water-Supply.

Water-supply.—Both of these subjects are dealt with in the reports of the Water and Drainage Engineer. As factors in the health of the City I must touch upon them here. I cannot go fully into these questions in this report, but it is my duty to bring them to the notice of the Corporation with a view of improving the drainage and water-supply of the City. The three large lakes, which supply Bombay with water, are magnificent examples of water engineering. The quality of the water is tested monthly chemically and bacteriologically, and the results show an improvement in the quality of the water. The supply to the houses and the way it is distributed, however, leaves much to be desired. The water-supply to Bombay is intermittent as, for part of the day and night, the supply is shut off completely. The pressure is not sufficient to furnish a constant supply to the top floor of many of the houses. The service pipes are laid so as to be in constant danger of pollution. Arrangements are being made to improve the pressure, and much valuable work is being done with a view to improve the mode of supply. My object in drawing attention to the water-supply is to safeguard, as far as possible, the water from contamination.

Drainage.—Although much is being done to connect the open drains on the house gullies to the sewer in the streets, many of the old storm water drains are sewers in the common sense of the word, and this is a question which is urgently in need of attention. Much has already been said by the Health Department on the condition of these drains and their effect on the public health, and no more time should be lost in thoroughly overhauling and relaying where necessary these old storm water drains. While the sullage and night-soil from the house gullies is allowed to percolate into these drains and there to stagnate and soak, through into the sub-soil the condition of the soil and air round the dwellings will remain damp and offensive and actually detrimental to health. One of the most important steps towards improving the sanitary condition of the City is to remove this constant menace to the public health, and any amount of money will be well expended in this direction, which aims at cleansing the sewage logged sub-soil and removing one of the chief causes of ill-health.

MILK SUPPLY.

During the year the attention of the Health Department has been directed to this very important subject, and samples of milk have been analysed in the Municipal Laboratory with a view of forming a standard.

The following is the procedure of the Analyst in judging as to the quality of milk samples.

The expression of opinion on the quality of a sample of buffalo milk as to its genuineness or otherwise is guided by the results of over fifty samples of genuine buffalo milk carried out in this Laboratory. Since over 90 per cent. of the local supply of milk is derived from the buffalo, and for the reason that numerous analyses of cow's milk are extant, only buffalo milk was examined in order to determine the limts for the different analytical constants of buffalo milk. The results of these analyses are expressed in the following table :—

——	Maximum.	Minimum.	Average.
Specific gravity (60 F)...	1039·7	1026·7	1031·5
Total Solids o/o	22·5	13·2	17·5
Fat o/o	12·6	3·7	8·2
Solids not Fat o/o	10·9	9·0	9·3
Milk Sugar o/o	5·7	4·0	4·9
Protoids o/o	4·9	3·3	4·0
Ash o/o	1·00	0·65	0·80
Cream (by centrifuge) o/o ...	21·0 above	12·0	17·0

The solids, not fat, varying to a smaller extent than the total solids and fat, afford a means of judging as to the quality of a milk. The minimum for non-fatty solids of buffalo milk is 9·0 per cent. As these limits do not represent the absolute minima for buffalo milk, and as in certain cases it may be urged that the milk consisted partly of cow's milk, it is fair to the vendor that the lowest limit found for cow's milk be adopted. The minimum for the solids, not fat of cow's milk adopted by the Society of Public Analysts of England, is 8·5 per cent. Accordingly those samples of local milk, of which the solids, not fat, lie between 9·0 per cent. and 8·0 per cent. are not considered adulterated, but only reported as of doubtful purity.

The minimum for fat of buffalo milk is 3·7 per cent. and it is not probable that it can fall much below this. The minimum for fat of cow's milk adopted by the Society of Public Analysts is 3·0 per cent. Hence for those samples which show a percentage of fat bewteen 3·7 and 3·0 no presumption is raised that they are not genuine but are only reported as of doubtful purity.

In case of either the non-fatty solids or the fat, or both, falling below these limits of 8·5 per cent. and 3·0 per cent. respectively, a presumption is raised that water or skimmed milk has been added to it or that fat has been abstracted from it. In these cases a further examination for the other constants is undertaken and it almost invariably happens that these constants show corresponding depressed values.

The extent of the adulteration or the obstruction of fat is calculated from the minima 8·5 per cent. and 3·0 per cent. for non-fatty solids and fat respectively.

The milk supply to Bombay is chiefly from buffaloes which are kept in stables in the City in a more or less insanitary condition. I have had a list of stables drawn up and find that there are 12,101 milch-cattle which supply milk to the City. In addition to this a certain amount of milk comes by rail from Bandora and there are also a number of cows and goats kept chiefly for private use. The milk for the most part in the native City is hawked about and sold in small quantities from brass or copper vessels, but in some cases the animal is brought to the house and milked there.

From the manner of its collection and distribution apart from the question of adulteration there is great risk of contamination both at the stables and during distribution, and by the time it reaches the consumer it has been exposed to many vicissitudes.

The two points to be considered are :—

1. The quality of the milk as a food supply,
2. The possibility of its conveying diseases.

These can only be dealt with by constant inspection and supervision and regulation of the cow sheds or stables and analysing the samples offered for sale. At present the Act gives us no power to prosecute any one selling adulterated milk, but when the Act is amended this power should be rigidly enforced.

Boiling or sterilising milk is the only way to prevent it becoming the vehicle of infection, and many Cities in the West have taken up this question and the Municipalities of Liverpool, Manchester, London, France, Germany, and America are attempting to provide the poor with a wholesome and safer form of food for infants. It is accepted by all sanitarians that the want of a proper milk supply is one of the chief causes which tend to reduce the vitality and impair the constitution of the infant, while inattention to cleanliness and poverty of the supply materially assist in causing a high rate of infant mortality.

It does not require any special knowledge to appreciate the fact that absence of proper food and contaminated milk has a direct influence on the health of children, and as milk should form the staple article of diet in the majority of infants, it is necessary that the article should be of good quality and free from contamination. In Bombay, as in other large Cities, wholesome milk is not within the reach of the poor, and to bring milk of any sort within their reach the quality has to suffer.

It is for this reason that the Municipalities of many cities are taking up the question of providing a certified milk supply and many towns in England, France, Germany and America have established factories for this purpose. As a part of a scheme of Medical Relief this guaranteed pure milk supply by Corporations is no doubt of great service to the children of the poor in the reduction of infant mortality due to the use of contaminated or infected milk. It is, however, not of the nature of control of milk supply, but rather of a specialised supply to meet special needs and in the establishment of the kind in Bombay would doubtless meet a great demand.

BATHING AND WASHING PLACES.

There is great lack of suitable bathing and washing places for the poor in the City and much benefit would be derived by the provision in suitable places of accommodation of this sort. This is a question which all Municipalities take up readily and one which is very urgent in Bombay. The crowds around stand pipes and the washing places struggling for water and space to wash their clothes will readily prove the demand there is for better accommodation.

Public bathing and washing places should be provided properly controlled and supervised and a small fee charged for their use.

HOUSES FOR THE EMPLOYÉS OF THE LABORING CLASS OF THE MUNICIPALITY.

This question has been before the Corporation during the year and the Committee now sitting have a detailed plan and estimates of suitable chawls for the halalkores in Valpakhady.

VACCINATION.

Vaccination is at present under Government and a report is made by the Sanitary Commissioner. The Municipality provide Rs. 17,000 per annum towards the cost of vaccination in Bombay. A list of births is sent by the Registrars of the Health Department to the Superintendent of Vaccination and the parents of every child are served with a notice by the Health Department calling on them to see that their children are duly vaccinated. In spite of this and the supervision of the Vaccination Department the work of Vaccination Department leaves much to be desired, with the result that small-pox is always present in the City and occurs in epidemic form at intervals.

In 1900 (3,018)	deaths took place	from small-pox.
In 1901 (159)	do.	do.
In 1902 (288)	do.	do.
In 1903 (1,477)	do.	do.

Much of this small-pox occurs amongst the Goanese, and in my last Annual Report I mentioned the steps we had taken to ensure vaccination amongst these people. Small-pox is a preventible disease, and I am strongly of opinion that stricter measures should be taken to enforce vaccination.

Control of Plague in Bombay.

In my quarterly report for the first quarter of 1903 I merely focussed, as it were, the situation with a view to bringing prominently into notice that Plague when thoroughly established thrives when suitable conditions are provided for its sustenance, when the people are overcrowded, when the sick and healthy live together, when conditions of climate, atmosphere and temperature and moisture favour its propagation, and when the habits and customs prevent measures being taken to control the spread of the disease. I will not waste time by pointing out what is done in countries where these conditions do not exist and where every detail of sanitation is most rigorously enforced. Comparison between the conditions existing in Bombay and Europe, America, Australia or Cape Town cannot be made. In those countries when an outbreak of dangerous disease occurs there is no opposition to carry out the measures for its prevention, on the other hand any weakness on the part of the Administration brings forth an outcry and demand for strong measures which no Government can withstand. I now deal specifically with the subjects under two headings :—

1. The measures that should be adopted to remedy the existing conditions in the City.

2. What should be done to investigate the cause of the spread of Plague in all its bearings—Pathological, Clinical and Sanitary—Preventive and Curative.

In my report I said that we had to deal with Plague now as endemic in Bombay and pointed out that in order to make any impression on the seasonal incidence of the disease the class of people who suffered most from its ravages should be removed and housed in such a manner that their surroundings could be regularly supervised, that the houses in which the poor live have become foci of inspection and should be demolished or rendered fit for habitation and nothing short of removing the cause will have any effect in checking the disease which has existed here for so many years. These are measures, which I maintain, are absolutely necessary in the interests of the City, having regard to existing circumstances.

The removal of Plague infected quarters, the opening out of overcrowded areas, stricter attention to cleanliness, removal of offensive matters, sewage and subsoil water and the enforcement of the Act and Bye-laws with regard to exposure of the infected person or things and more stringent regulation for ascertaining the presence of the disease and the true cause of death are essential. The poor of Bombay now live an artificial life in houses and under conditions to which they are unaccustomed and unsuited and which render any attempt at sanitation most difficult. What the people want is smaller houses with one or two floors, through ventilation of each room and free air in front and rear, a street at least 40 feet wide at the front and in the rear open space of not less than 20 feet, the sanitary conveniences and washing places built between each row of houses and detached therefrom.

It is the custom of the working classes here to live and cook and sleep in the same room. This should be prevented by providing a small cook-room for each family. The water supply should be provided outside the house. There should be no nahanis or washing places or privies inside the house and the floors should be of impervious material at least 3 feet above the ground. The large chawls of 4 and 5 floors separated from one another by narrow gullies and containing 200 and 300 rooms with a population of several hundreds of people living under the most

insanitary conditions as to air space, light and the presence of filth inside and around the rooms constitute in themselves a source of danger to health, and when an out break of Plague or other dangerous infectious disease occurs, either by being introduced by human agency or animal agency or dust or filth, the disease will spread rapidly amongst the inmates who are huddled together in a very limited area in contravention of all sanitary principles and when once the disease gets its foothold it is difficult to displace.

The occupation of chawls of many floors and rooms is opposed to the habits of the people of an Eastern City. The population cannot be supervised or regulated. Every room in a house is occupied by one or two families ; all the refuse and water is thrown out of the window into the street and gullies ; inter-communication between families when infectious disease occurs is impossible to control ; isolation of a case of infectious disease cannot be carried out. The sanitary arrangements are not suited to the people ; water pipes and drain pipes, soil pipes and house drains, ventilating shafts and gully traps, syphons and intercepting chambers are foreign to the native. Everything should be of the simplest and most easily worked. Small rows of buildings should be erected on suitable sites with free air space, light and proper sanitary arrangements. What I advise is that all the most insanitary areas be demolished and acquired by the Municipality or Government or Improvement Trust. All those houses which are hotbeds of disease and are, in the opinion of the Health Officer, unfit for human habitation be vacated and not allowed to be occupied until a certificate is produced that they have been made fit for human habitation or newly built.

I specify the areas which are in most urgent demand for improvement and places where houses can be erected by the Improvement Trust, Municipality, Private Enterprise or Employers of Labour.

Semi-permanent accommodation should be provided for 100,000 people, and the land included in Scheme No. 5 of the Improvement Trust appears to be the only possible place where this could be done, and then only if taken in hand at once, and the low-lands drained by large open drains and the low-lying parts filled in, and the houses raised well above the surface of the ground. The presence of the drain should be less malarious than an ill-kept swamp and could be more easily supervised and regulated and can be eventually covered in. Increased facility for transit by railway and trams must be given and the advantages of more healthy and cheaper houses offered to the people to induce them to reside there.

This is in addition to what the Improvement Trust will be doing. I understand that they have under consideration a scheme for providing semi-permanent buildings on the vacant land at Kennedy Sea Face and in the Agripada.

I do not propose in this report to deal with the whole of the City at once fearing lest the magnitude of the work would swamp the object in view. I therefore specified certain insanitary Plague infected areas in A, B, C and E Wards in order to explain my scheme for dealing with the conditions affecting the health of the people. My proposal is that sanitary dwellings be provided for at least 100,000 persons and that the houses which are year by year infected with Plague be evacuated early and that those that are unfit for habitation be condemned and those that can be made fit for habitation be improved and re-occupied. By unfit for habitation I mean that houses or areas where Plague occurs and which are insanitary as to ventilation, light, dampness, obstruction to air and light, insufficient cubic space in and around the dwellings, and without proper sanitary conveniences and drainage be condemned on the report of the Health Officer.

As, however, these improvements in the sanitation of the City will be gradual I propose, if necessary, to ask for an increased staff of scavengers, carts, halalkhores, drain cleaners and gully flushing engines and disinfectants, and as soon as the rains cease to systematically deal with every area in which Plague is likely to occur. Every house which is overcrowded and badly lighted or badly ventilated will be cleaned, disinfected and whitewashed, rooms insufficiently lighted or ventilated will be improved. By these means we shall be able to determine the relation of filthy and overcrowded areas to disease. I have already paved the way in this direction and the Divisional Health Officers, the District Registrars and the Nurses report to me daily on insanitary conditions and reports are forwarded to the Executive Engineer who can only deal with a limited number. If my suggestions are carried out the staff working under the Executive Engineer will be increased and their instructions will be to deal at once with houses reported on by the Health Officer as being in urgent need of attention.

I now propose to deal with what should be done to investigate the cause of and the spread of Plague in all its bearings from the infected to uninfected areas and the measures to prevent it—Pathological, Clinical, Sanitary, Preventive and Curative. Plague was first noticed in Bombay in August 1896. In spite of all attempts to prevent it, it spread all over the Island and from the Island to the mainland. The disease may be said to have become indigenous in Bombay from 1897. In 1898 a Plague Commission was appointed to inquire into the cause, &c.,

of the disease. The Commission spent four months in India and returned to England, and in 1901 issued a summary of their investigations. Evidence was taken from every one in India who was considered to have had any experience of the disease. In addition to this Commission deputations were sent from Austria, Germany, France, Russia, Turkey and other countries to investigate the disease. The whole of the inquiries have been published which comprise much that is of value. But the actual results so far as controlling the disease or throwing any light as to its origin, its methods of infection and measures to prevent its spread in India have been practically *nil*as is instanced by the virulence of the disease during the last year in India and Hongkong.

The present Plague Research Laboratory was first started by Government and the Municipality in 1896 for the purpose of investigating into the cause of Plague. Government undertook to bear all charges in connection therewith from 1st April 1899 and the institution became an Imperial concern. This Laboratory has been working for six years and has just issued a summary of the work done there. Of the 39 pages comprising the report 16 are devoted to the description of the plague prophylactic, its preparation and distribution, and to quote from that report: "The activity of the Plague Research Laboratory has been from the beginning of the outbreak in Bombay concentrated on the preparation of a fluid protective against Plague."

Much valuable work must have been done, but beyond the researches mentioned on page 19 by Dr. Cayley and Dr. Gibson in 1898, mention of which is made in the Plague Commission's report, there does not appear from the summary of the report that any continued efforts have been made to trace the existence of the organism associated with Plague outside the body.

In addition to the Plague Research Laboratory a laboratory for the preparation of the curative serum was provided by the Municipality of Bombay and Drs. Polverini and Mayr prepared the curative serum from horses, which was used in the Hospitals and the results have been published. The Laboratory was abolished last year and the preparation of the serum discontinued. These two Laboratories, one devoted to the preparation of a prophylactic fluid and the other to the preparation of a curative serum, have not given us any information which would tend to increase our knowledge of the disease nor of its mode of attack, nor the conditions under which it spreads. They have been directed to provide in one case a preventive and in the other a curative remedy for a disease the cause of which little is known. Although an enormous amount of work has been done in these institutions and with regard to plague generally no constant and persistent efforts have been made to connect the links of evidence supplied by the Bacteriological, Clinical and Sanitary aspects of the conditions and surroundings associated with Plague.

I have strongly advocated both publicly and to the Corporation, the necessity for continuing the research in Plague and its serum therapy, and now again propose the necessity for attempting by persistent and diligent labour to discover the relation of Plague outside the body to the organism which is associated with the disease in its clinical aspect. Much important and valuable work can be done, and I earnestly trust the Corporation will support me in endeavouring to seriously investigate the disease in all its bearings.

This is the work which can only be done by highly educated Medical men, skilled Bacteriologists who have had daily experience in Bacteriological and Pathological and Clinical Research in connection with outbreak of disease and preventive medicine, men who can carefully weigh every fact and detail and who are able from previous experience of prolonged investigations to deduce from such evidence facts that are of value and reject any worthless theories. They should be unprejudiced workers with one object in view. They must not be hampered by official supervision nor subjected to petty interference, they should work in co-operation with the Health Officer and every assistance required should be given.

They should not be tied by consideration of Government service and not be liable to be removed in the midst of their work to carry out duties of an altogether different kind elsewhere. These men should be well paid and engaged for three years. They should be provided with free quarters close to their Laboratory and all apparatus and media and assistance provided.

I would suggest that their work be directed on the following lines, leaving it to their discretion to vary or modify, the only provision being made that their investigation be directed to Plague in all its bearings:—

(1) Climatic conditions and their effect on the existence, vitality and propagation of Plague;

(2) Habits and customs of the people predisposing to disease;

(3) Habits and customs of the people tending to spread the infection, disposal of the dead, funeral parties, exposure of infected person or things.

(4) Other human agency and its effects in spreading the disease ;

(5) Animal agency, parasites, rats, flies, fleas and mosquitoes ;

(6) The existence of an organism outside the body and its relation to the organism found in the blood and tissue of persons dying of Plague. Its origin, mode of propagation, introduction into the system and the conditions which favour its vitality, its possible presence in air, dust, floors, sewage, food and water. Its method of conveyance from man to man, from man to animal and from animal to man.

The Bacteriological examination of air, dust, clothing, &c., in infected rooms or places to which actual infection has been traced. Continued experiments with all and every organism found in infected rooms or localities and material eliminating all known non-pathogenic Bacteria by experiments on animals with a view of discovering what organism, if any, exists and its Morphological characteristics and life history which may be the cause of the disease.

Side by side with these investigations will be carried out the improvements in sanitation I have advocated ; Medical Relief and stricter Registration of the cause of death and the treatment of cases in hospital and the continued education of the people into the advantages of sanitation and registration, disinfection and isolation.

Much has been done lately in improving the methods of gaining information as to the cause of death and sickness.

The accurate notification of sickness and registration of the cause of death is the most important of all measures for controlling the spread of disease and with all the facilities given to the people for obtaining medical relief and a certificate, if they fail to produce it, the Health Officer should be empowered to delay disposal of the body until he is satisfied as to the cause of death, and I am of opinion that there will be very little objection to this in the future.

No doubt some work has been done in this direction and the Plague Commission have gone over most of ground, but nothing definite has come before us since 1898, and it is for this reason I ask for increased facilities into the research of Plague in all its bearings.

In making these suggestions I would wish to be clearly understood that they should be thorough. No half-heartedness will be of avail. The people know that our only object is to improve their condition. Nothing should be allowed to check the improvements in the sanitation of the City and the investigation into disease and the prevention of its spread, and I cannot too strongly express my opinion here that familiarity with Plague and the very slight impression, all mild measures have made on the disease, has so blunted the feelings of the people and rendered them apathetic that it will be difficult to arouse them to a sense of the enormous importance of self-protection, but by insisting on the measures I have advocated, will, I believe, be the best method of appealing to them and gaining their interest and help which is the surest way of controlling the disease.

Extract of Report on Inter-Relation between the Meteorological Variation and the Incidence of Plague.

In asking me to report on the question as to whether there is any inter-relation between the meteorological variations and the incidence of Plague mortality, it has been assumed that Plague decreases during the hot weather and the monsoon. This is partly true, so far as Bombay City is concerned, but the experience of other cities and towns is different. Personally, I am of opinion that heavy rain in Bombay has a decided influence on the vitality and virulence of the infective material. It is possible, however, that other factors than mere rainfall must be concerned in bringing about the seasonable variations of Plague. This as well as the question under what conditions the Plague micro-organism has an extra corporeal phase of life are still subjects for conjecture and investigation. In this connection I wish to invite your attention to my letter of 18th July 1903 wherein I have suggested for the continued research into the subject by capable men. We are not in a position to say at present what the possible influence of rainfall or other meteorological conditions on the vitality of Plague bacillus may be. The results of the Plague Commission say nothing definite on the subject. I cannot therefore give a definite reply to the first part of the Corporation's Resolution, and it only remains to consider whether we can in the dry season artificially ensure conditions approximating to those obtained in the monsoon.

The average annual rainfall in Bombay for the past ten years has been about 77·28 inches and the average number of days on which the rain fell was about 99. The average fall per day was therefore ·78 inches and this fall spread over 22 square miles of Bombay amounts to 249 million gallons a day. The amount of water supply to Bombay from the lakes is about 36

million gallons daily, and it is therefore clear that with our present water supply it is not possible in the dry season to even approximate to monsoon conditions. With an increase in the water supply and with more gully flushing engines and an increased scavenging staff we could, however, obtain some of the good effects of the monsoon not only in the prevention of the dissemination of dust but also scouring the surfaces of the streets and lanes and in freeing them as well as back yards, courts, gullies and open drains of most of their decomposing organic *débris*. Such improvements in Municipal scavenging, though they might have no direct effect upon the incidence of plague, would undoubtedly help to improve the general health and powers of resistance to disease.

The only practical measures that can be adopted are to increase the number of flushing engines and flushing reels. To introduce a more speedy removal of night-soil and refuse means the employment of more carts, halalkhores and biggaries. I have already pointed out that the present method of collection and removal of night-soil is the most insanitary and objectionable method which can be adopted, and I have constantly urged that improvement in this direction is needed.

Nothing, in my opinion, is more likely to spread diseases, lower the vitality, and injure the general health of the community than the presence of the filthy gullies which no amount of scavenging can render sanitary. If the monsoon has any effect in improving the health of the City it is for the reason that these gullies are washed down by the rain and the filth removed into the drains and sewers which are washed by the heavy rain and the sewage diluted and discharged into the sea instead of remaining on the ground and disseminating disease.

I am of opinion that it is not possible, even in a partial degree, to replace the conditions provided by Nature during the rainy season in the dry weather, and, moreover, many other points would have to be considered—how the extra amount of water in the sewers can be got rid of, what the increase in the sub-soil water would be and its effect on general health; but I am quite certain that every measure taken to keep the City clean tends to improve the health of the people. If the Corporation are desirous of attaining this end, then they must decide to give the Health Department the facilities asked for; as the City grows so does the demand for sanitary improvement. The wealth of the City lies in the health condition of the people. Difficulties arise in Bombay which do not occur in the West, and to bring the sanitary condition of the City up to anything approaching a Western ideal, money must be provided. Much has been said about the expenditure of the Health Department of Bombay and it has been compared to Manchester.

I would refer you to a statement appearing in the London Municipal Journal of England, dated 25th September, wherein it is stated that the Cleansing Department of Manchester cost last year £235,000. If this amount is required to keep the City of Manchester up to the standard required by the demands of the public where all the most modern appliances are available, then if any comparison is to be made the amount spent in Bombay on the Cleansing Department about £100,000 per annum for a larger population is very moderate considering the work done, especially when the conditions of life, climate, habits of the people and the construction of the houses is considered. Even taking the nett expenditure of Manchester for cleansing alone, after deducting receipts from sales of manure and other things, the amount is £134,000 for cleansing alone, while the gross amount spent on the Health Department of Bombay, inclusive of everything, *i.e.*, the salaries, registration, vaccination, &c., amount only to Rs. 19 lacs or £126,000 without any deduction whatever. I have asked for increased facilities for the removal of cutchra by rail and shown how not only a large saving could be effected but an improvement in the removal. This is now under consideration, but we have met with many obstacles in the way of finding sites and sidings and making terms with the Railway Companies. I have asked for more pail depôts and more halalkhores. This is still not settled. I have advocated abolishing the basket privy and conveyance of night-soil by water carriage and arrangements are being made to adopt this as an experiment. I have had designs made for improving the present cutchra cart. I have had a special cart made to convey night-soil, so that the nuisance caused by the halalkhore men will be reduced. I respectfully submit, therefore, that these are matters which require urgent attention and are the most pressing at the present moment. To effectually put the City on a sound sanitary footing money and time is necessary. We are dealing with a system which has been in vogue for years. No efforts will be spared on the part of the Health Department to improve the existing conditions of the City, but the support of the Corporation is necessary.

To improve the removal of refuse a more modern system must be adopted. To improve the removal of night-soil and render the houses in the native quarters more healthy the basket system and hand removal and the filthy gullies must be abolished. To more expeditiously remove the sewage drainage must be improved. To improve the conditions of houses and overcrowding, the City Improvement Trust was constituted and will by degrees provide better accommodation and extend the City northwards. After due consideration the improvements suggested will be brought before the Corporation for adoption.

Extract from Letter No. 4465P of 5th January 1904.

In my letter to the Commissioner regarding the protection of Bombay from infection by sea or land, I said that Bombay is practically the only City which is unprotected. I would explain that people leaving Bombay by sea or land are inspected medically, and if suspected detained, their clothes and baggage disinfected and in the case of pilgrims put into quarantine.

At every port touched there is an examination of the ship unless a clean bill of health is given, unless an infected port has not been touched, and in many ports a period of quarantine prevails. If there is a suspicious case on board, the names of all passengers are taken and their addresses are sent to the Medical Officers of the Health of the District where they proceed. In England should a serious epidemic of Small-pox or Plague occur the place is at once visited by a Medical Inspector of the Local Government Board. Families in which cases occur are put under observation and should they remove to another City, the Health Officer of the City is communicated with. No railway inspection is necessary in England as all cases are seen and reported and the precautions taken. Consider for a moment what is the procedure on the voyage from Bombay to England. The crew and passengers are examined in Bombay. The ship is disinfected and should no case occur on the voyage, a clean bill of health is given. Should, however, the ship touch at an infected port and take passengers within the period of 10 days, an inspection of the ship and passengers is made at the port of arrival, and if a case occurs the names and addresses of passengers and crew are taken down.

Bombay is the largest City in India and naturally draws people from all parts of the Empire. The population is augmented by an enormous influx of people. The number given me by the Port Health Officer is over half a million by coasting steamers alone and more still by railway. This additional population contributes more or less to the high rate of mortality in the City, but cannot be reckoned as part of the permanent population.

Bombay for the past 6 months has had less Plague than many of the other cities in India and practically every case is reported or seen.

I do not ask for medical inspection of passengers. I want the names and addresses of persons coming from infected districts by sea or land from infected places. The value I attach to this is that we shall be able to know how many imported cases occur, how far they spread the disease and to a great extent protect them and others contracting it. Apart from this the principle which is considered as of value to other cities should equally be of value to Bombay. It is the neglect of the realization of this principle which has to a great extent been the means of creating the apathy which now exists and to a certain extent causes the spread of the disease. I would also draw your attention *re* Small-pox and the absence of vaccination amongst the Goanese coming to Bombay.

Overcrowding.

A serious state of affairs exists chiefly in Dhobi Talao and Market Sections in the matter of house accommodation whereby the spread of both Plague and Small-pox is being favoured. The Divisional Health Officer No. 1 has brought to my notice, and I have also noticed it myself, that practically every day houses are being acquired by the Improvement Trust and occupants are being turned out. These persons can find no proper accommodation for themselves or their families. The majority of these persons have to find accommodation in rooms already occupied by other families. The demand for accommodation is so great that the rents of individual rooms have been raised 4 or 5 times what they were 6 months ago, thereby forcing families occupying single rooms to take in other families as lodgers.

Evicted persons who cannot find accommodation in this way have been compelled to occupy U.H.H. houses, and there are many respectable families now living in rooms the roofs of which have been removed and they pay up to Rs. 5 rent per month for a shelter of 4 bare walls and no roof. Poor families unable to obtain accommodation anywhere near their work pay a few pies daily for the use of a cooking-place in some room and sleep where they can.

As more and more houses are being vacated this overcrowding will be increased. It is more particularly in Market Section that houses are being vacated now, those in Dhobi Talao having already been vacated. In a short time houses in Chukla and Mandvi Sections will be treated in the same way and increase of rents and overcrowding of rooms with the resultant evils will spread to these sections and aggravate the insanitary conditions already present in them.

The pressure for accommodation is very great and it would be a great boon to the people if temporary accommodation be provided at places as near as possible to the houses which have been vacated.

In order to ascertain the relation of the high increase of Plague to overcrowding in parts of the City and verify my previous reports, I have made further enquiries and forward herewith the report from the Divisional Health Officer No. 1 and the District Registrar of C Ward. In another letter I am also inviting your attention to a similar condition in Lower Colaba and other parts of the City. Possibly this constant representation will have no direct effect on the action of the Improvement Trust who consider they must demolish before they can build, but I would impress upon them most strongly that the principles on which they are acting is contrary to the best interest of the public health of the City as it is at present. Not only for the reasons already given, but that when the areas which they have demolished are re-built upon, the accommodation provided will not include anything like the number of the people that have been displaced, and as the rents will be higher overcrowding in rooms will be greater. The chief cause of the spread of infectious diseases is the overcrowding together of the sick with the healthy in an infected area. The numbers alone prevent any serious attempt at disinfection or isolation being carried out properly under the existing condition. No house previously infected can be made free from infection as long as it has to be re-occupied by the people coming from other infected houses. To those cognizant of the habits of the people and the difficulties to be overcome in disinfecting houses, it is apparent that the infective material of Plague cannot be got rid of while the people have to live together as they do now, and anything which tends to increase this overcrowding is one of the chief factors in the spread of Plague.

I make these statements with a view to gain the co-operation of the Trust in doing what we can to lessen the scourge of Plague. I have no other method of assisting the Improvement Trust or of gaining their assistance. In Europe the Health Officer is the first person consulted, in fact he is generally expected to be the prime mover and adviser to any improvement in the City which relates to public health, and it is laid down by an Act of Parliament that if he fails in this duty and if his advice is not followed, a higher authority will quickly interfere; not only this, but the pressure of public opinion which carries such weight in Europe has no voice here to help the sanitary adviser.

J. A. TURNER, M.B., D.P.H.,

Executive Health Officer.

REPORT ON THE WORKING OF THE MUNICIPAL HOSPITAL FOR INFECTIOUS DISEASES AT ARTHUR ROAD FOR THE YEAR 1903.

Accommodation.—120 patients, three permanent wards.

Admissions and results.—There were 1,356 admissions from all diseases. Small-pox—673 (with 192 deaths), relapsing fever—265 (with 87 deaths), chicken-pox—75, measles—78 (with 3 deaths), cholera—4 (with 1 death), plague—24 (with 8 deaths and 16 transferred to the Maratha Hospital), and observation—237 (with 95 deaths).

The following table shows the details of admissions, etc., during the year 1903 :—

Diseases.	Admissions.	Died.	Cured.
Small-pox	673	192	481
Chicken-pox	75	.....	75
Measles	78	3	75
Cholera	4	1	3
Relapsing Fever	265	87	178
Plague	24*	8	.....
Observation	237	95	142
Total ...	1,356	386	954

* Of these 16 transferred to Maratha Hospital.

Total admissions during the year :—

Months.	Small-pox.	Chicken-pox.	Measles.	Cholera.	Relapsing Fever.	Plague.	Observation cases including other diseases.	Total.
1903.								
January	105	11	13	...	37	4	20	189
February	147	22	32	...	16	8	11	236
March	153	23	10	...	22	5	21	234
April	111	15	19	1	29	4	26	205
May	54	3	4	1	27	...	21	110
June	39	...	1	1	10	3	11	64
July	15	1	...	...	3	...	21	40
August	16	...	...	...	67	...	26	109
September	3	...	...	...	19	...	20	42
October	2	...	...	...	14	...	27	43
November	2	...	...	1	17	1	16	37
December	26	...	...	...	4	...	17	47
Total ...	673	75	78	4	265	24	237	1,356

The largest number of admissions on any single day was on 16th August 1903, when 37 patients suffering from relapsing fever were admitted.

The total number of deaths during the year—386.

The percentage of deaths to admissions—28·42.

The largest number of deaths on any particular day was on the 6th March 1903, when there occurred 6 deaths from small-pox.

SICKNESS AND MORTALITY AMONGST THE STAFF.

Plague.—A ward-boy and his wife and a bhisty ; all died.

Relapsing Fever.—One máli and one ambulance man ; both recovered.

Percentage of mortality in different diseases for the whole period :—

Diseases.	Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
Small-pox	673	192	481	28·53
Chicken-pox	75	.....	75	.....
Measles	78	3	75	3·84
Cholera	4	1	3	25·00
Relapsing Fever	265	87	178	32·83
Plague	24*	8	.....	33·33
Observation cases, including other Diseases...	237	95	142	40·08
Total ...	1,356	386	954	28·42

* 16 transferred to Maratha Hospital.

D. A. TURKHUD,
for *Special Assistant Health Officer.*

ANNUAL REPORT OF THE MODIKHANA HOSPITAL FOR THE YEAR 1903.

The Parsee Ward was, as usual, kept open all through the year. All expenses regarding the maintenance of the staff as well as the clothing of the patients and extra articles of diet supplied, were, as hitherto, defrayed by the Punchayet Trust.

All other arrangements at the hospital remain the same as before, and have been described in detail in previous reports. The old convalescent ward, which was in a very dilapidated condition, was pulled down during the year and is now reconstructed as a semi-permanent structure.

Clinical Notes.

During the year under report 1,135 cases were admitted into the hospital. Of these 706 were treated for plague, and the remaining 429 were either kept under observation, or treated for other diseases. Out of the 706 cases of plague treated, 533 died and 163 recovered, giving a mortality of 75·4 per cent. The remaining 10 were under treatment.

Detailed statistics of the various cases treated are hereto appended.

No fresh clinical symptoms or features were noted, and practically the same treatment was followed as in the year previous. Internally stimulants were freely given, and combined with guaiacol instead of carbolic acid. For delirium trional, bromides and hyoscyamus, and calcium chloride to check the spread of infiltration.

During the year the trial which was being given to a new serum, prepared by Professor Terni of Messina, was brought to an end. The treatment with the serum was commenced on the 5th November 1902 and was carried out by Dr. Costello, of Parel Plague Research Laboratory, and lasted until the end of July 1903,—altogether 111 cases being treated with the serum during the period. As usual every alternate plague case received serum, and the intermediate cases were taken as controls. From the commencement of the trial until the 15th April 1903 those cases that were admitted either in an obviously moribund condition, or as convalescent, were excluded from the series altogether. After the above date, however, this was altered, and moribunds and convalescents were also made to include in the series. Those that refused serum treatment were, of course, excluded from the series altogether.

These experiments, which lasted for more than eight months, were brought to a termination on the 29th July 1903. During the period, 111 cases received the serum and an equal number of cases were taken as controls. All the Terni cases were given, in addition to the serum, the same medicinal stimulant treatment as the controls.

The following is the result of all the cases treated :—

	No. of cases.	Deaths.	Recoveries.	Percentage of Mortality.
Serum	111	90	21	81·08
Control	111	91	20	81·9

The first 84 cases, when the convalescents and the moribunds were not included, the results were as follows :—

	No. of cases.	Deaths.	Recoveries.	Percentage of Mortality.
Serum	84	72	12	85·7
Control	84	71	15	84·5

After the 15th April moribund and convalescent cases were also made to include in the series, and the results in the remaining 27 cases were as follows :—

	No of cases.	Deaths.	Recoveries.	Percentage of Mortality.
Serum	27	24	3	88·8
Control	27	22	5	81·4

It will be seen from these figures that the mortality percentage is practically the same in the controls, as well as in the serums and that Terni's serum did not help to reduce the number of deaths.

The dose varied from 30 c.c. to 100 c.c. at a time. The injections were made generally into the subcutaneous tissues around the buboes, and in a few cases intravenously.

It did not appear to show any influence upon the bubo itself, nor did it prevent the spread of infiltration around buboes. It had no effect upon the pain of the buboes.

The injection of the serum was not followed by any beneficial effect upon the pulse, respirations or the general condition of the patient. It did not affect the temperature, nor did it appear to prevent a subsequent rise.

In pneumonic cases it did not appear to affect the pulmonary condition even when injected direct into the venous circulation.

It must be stated, however, that no symptoms of hæmolysis following the injection of serum were observed in any case, and even the injection of 880 c.c. of serum produced no ill effects.

TABLE No. I

Showing total admissions during the year.

Disease.	Admissions.	Deaths.	Recovery.	Percentage of Mortality.
Plague	706	533	163	75·4
Observation	429	80	344	18·6
Total...	1,135	613	507	.....

TABLE No. II.

Showing total admissions during the year according to months.

Months.	Admissions.	Deaths.	Recovery.	Percentage of Mortality.
January	136	67	29	49·2
February	181	109	52	60·2
March	194	116	72	59·7
April	193	143	69	74·09
May	93	47	55	50·5
June	46	21	41	45·6
July	34	17	28	50·0
August	49	24	27	49·4
September...	48	16	30	33·3
October	66	18	49	27·2
November...	46	20	30	43·4
December...	49	15	25	30·6
Total...	1,135	613	507	.....

TABLE No. III

Showing admissions of Plague during the year according to months.

Months.	Admissions.	Died within 24 hours.	Died within 48 hours.	Total Deaths.	Recovery.	Percentage of Mortality.
January	95	17	11	59	8	62·1
February	130	21	25	96	17	73·8
March	148	16	32	108	30	72·9
April	147	20	22	133	30	90·4
May	50	4	8	35	23	70·0
June	20	8	2	14	21	70·0
July	17	2	2	14	12	82·3
August	25	4	3	20	6	80·0
September...	18	3	1	11	5	61·1
October	14	6	...	14	4	100·0
November...	18	7	1	14	5	77·7
December...	24	2	3	15	2	62·5
Total...	706	110	110	533	163	.....

TABLE No. IV

Showing the mortality among the different Castes.

HINDUS.

Sex.	Admissions.	Deaths.	Recovery.	Percentage of Mortality.
Males	604	338	257	55·9
Females	113	68	45	39·8
Children	33	18	15	45·4
Total...	750	424	317	.....

MAHOMEDANS.

Sex.	Admissions.	Deaths.	Recovery.	Percentage of Mortality.
Males	167	94	69	41·3
Females	19	11	8	42·1
Children	3	2	1	66·6
Total ...	189	107	78	.....

CHRISTIANS.

Sex.	Admissions.	Deaths.	Recovery.	Percentage of Mortality.
Males	110	67	42	60·9
Females	24	16	7	66·6
Children	8	3	5	37·5
Total ...	142	86	54	.....

PARSEES.

Sex.	Admissions.	Deaths.	Recovery.	Percentage of Mortality.
Males	35	15	20	57·1
Females	9	5	4	55·5
Children	5	2	3	40·0
Total ...	49	22	27	.....

TABLE No. IV.

EURASIANS.

Sex.	Admissions.	Deaths.	Recovery.	Percentage of Mortality.
Males	1	1	.....	100·
Females	2	1	1	50·
Children	.....	.....	.....	.....
Total ...	3	2	1	.....

JEWS.

Sex.	Admissions.	Deaths.	Recovery.	Percentage of Mortality.
Males	2	2	.....	100·0
Females	.....	.....	.....	.....
Children	.....	.....	.....	.....
Total ...	2	2	.....	.....

TABLE No. V.

Showing the situation of Bubos.

Situation.	Number of Cases.	Males.	Females.	Children.	Mortality.	Recovery.	Percentage.
Cervical	39	30	7	2	35	3	89·7
Parotid	17	14	3	.....	17	.....	100·0
Right Axilla	59	40	15	4	48	11	81·3
Left Axilla	57	43	10	4	46	11	80·7
Right Femoral	92	79	11	2	68	22	73·9
Left Femoral	68	55	10	3	51	17	75·0
Right Inguinal...	55	43	11	1	39	15	70·9
Left Inguinal	62	51	7	4	39	23	62·9
Other Situations	9	3	5	1	7	1	77·7
No Bubo	110	90	17	3	88	21	80·0
Multiple Bubo	112	91	9	12	81	28	72·3
Plague Pneumonia	26	22	4	.....	20	6	76·9
Total ...	706	561	109	36	539	158	.....

D. A. TURKHUD,

Chief Medical Officer, Modikhana Hospital.

REPORT OF THE MARATHA PLAGUE HOSPITAL FOR THE YEAR 1903.

1. The present report deals with the calendar year 1903. Dr. Choksy was in charge throughout except during 3 months on privilege leave, when Dr. Contractor performed the duties of the Chief Medical Officer.

Grounds and Buildings.

2. The temporary wards, out-houses, cook-room, &c., which were located on the land belonging to the late Sir D. M. Petit, and for which rent was paid at the rate of Rs. 200 per month, were removed, and the land was vested back to his executors. Temporary mortuary, cook-room, washing places for dhobi, &c., were put up within the area of the Municipal land. The plot of land adjoining the hospital formerly in the possession of the Bene-Israel Committee, was taken charge of for extension of the hospital, and the ground cleared and levelled by Sirdar Mir Abdulali. Plans and estimates for two wards, quarters for nurses and subordinate staff were prepared; but the work has not been taken in hand pending the settlement of the question of converting the Maratha Hospital into a permanent institution. The Sirdar, however, obtained a donation of Rs. 3,500 from Mr. Lukhmidass Morarji, J. P., for permanent quarters for two nurses, which are now under construction. Similarly, Rao Bahadur Dhondiba Hanmantrao Barde, J.P., and Mr. Ramjee Ghamaji Rukhare, both of whom have already done so much for the hospital, have again generously consented to bear the cost of two blocks of permanent buildings for 12 hospital servants.

The new buildings enumerated in the last report were formally opened on the 25th of April 1903 by the Hon'ble Mr. Justice Crowe. They have been taken in use subsequently and two nurses are now living permanently on the hospital premises.

Nursing.

3. The two English nurses having reverted to Government service, the nursing was conducted by local nurses.

General Statistics.

4. The total number of admissions was 1,493, as against 1,521 during the previous year. The subjoined statement compares the admissions from 1901 to 1903.

Diseases.	1901.	1902.	1903.
Plague	1,518	1,258	1,371
Relapsing Fever	847	39	10
Observation Cases	705	224	112
Total ...	3,070	1,521	1,493

Although the admissions during the year were fewer by 28, the number of plague patients was in excess of last year by 113. The number of observation cases has on the other hand declined from 224 to 112.

The cases were divisible into three classes only. Plague, Relapsing Fever and Observation cases. Only the relapsing fever patients were retained for treatment, as they were too far advanced to be transferred to Arthur Road Hospital; they all died. Of the 112 observation cases, 86 were transferred to the other hospitals, mostly to the Arthur Road Hospital; of the rest, 6 died and 20 recovered.

The case mortality from plague was the lowest ever recorded at the Maratha Hospital, *viz.*, 76·29.

Diseases.	Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
Plague	1,371	1,046	325	76·29
Relapsing Fever	10	10	.....	100·00
Observation Cases	26	6	20	23·07

The Seventh Epidemic of Plague.

1903.

5. The epidemic began practically towards the third week of December 1902 and ended about the 1st week in June 1903. It was more prolonged than usual, having attained its maximum during April and declining rather rapidly towards the end of May.

The cases treated did not in any way markedly differ from those of the two previous epidemics, and comprised all types and varieties of plague. The types observed were as under:—

	Number.	Died.	Recovered.	Percentage of Mortality.
Bubonic	1,278	976	302	76·36
Septicæmic	27	26	1	96·29
Pneumonic	12	12	.....	100·00
Cellulo-cutaneous	54	32	22	59·25
Total ...	1,371	1,046	325	76·29

TABLE.

Positions of Buboes.

Buboes.	Number.	Died.	Recovered.	Percentage of Mortality.
Multiple Contiguous	712	565	147	79·35
Multiple Distal	228	149	79	65·35
Axillary	241	193	48	80·08
Other Single Buboes	151	101	50	66·88
Without apparent Buboes	27	26	1	96·29
Pneumonia	12	12	.....	100·00
Total	1,371	1,046	325	76·29

TABLE.

Racial Statistics.

Castes.	Admitted.	Died.	Recovered.	Percentage of Mortality.
Hindus	1,069	840	229	78·57
Mahomedans	193	136	57	70·46
Native Christians...	104	67	37	64·42
Israels	4	3	1	75·00
Aryans	1	.....	1	.....
Total ...	1,371	1,046	325	76·29

TABLE.

STATISTICS BY SEXES.

Sexes.	Admitted.	Died.	Recovered.	Percentage of Mortality.
Males	926	716	210	77·32
Females	312	239	73	75·00
Children	133	91	42	68·42
Total ...	1,371	1,046	325	76·29

Table showing the number of admissions and their results from plague into the following months :—

Months.	Admitted.	Died.	Recovered.	Percentage of Mortality.
January 1903	122	85	37	69·67
February	291	226	65	77·66
March	403	305	98	75·68
April	354	289	65	81·63
May	74	55	19	74·32
June	35	23	12	65·71
July	12	8	4	66·66
August	19	14	5	73·68
September	18	11	7	61·11
October	15	12	3	80·00
November	11	8	3	72·72
December	17	10	7	58·82
Total	1,371	1,046	325	76·29

It is a matter of deep regret that Dr. Choksy on account of his illness has been unable to submit his report on the treatment of Plague with large doses of carbolic acid carried out during the year. But the results of the trial given to this drug as well as to adrenalin chloride, together with his clinical observations thereon, will, no doubt, be embodied by him in his next Annual Report.

D. A. TURKHUD,

Acting Chief Medical Officer, Maratha Hospital.

TABLE showing the population and the number of births and the birth-rate by Sex and by Sections in the year 1903.

Wards.	SECTIONS.	POPULATION. Persons.	Males.	Females.	Number of persons under one year.	Number of persons of one year and under 5 years.	BIRTHS. Number of births born alive during the year.	Males.	Females.	Birth-rate per 1,000 of population.	Number of males to every 100 female births.	Number of still-born.	SECTIONS.	Wards.
A	Upper Colaba	3,956	2,758	1,198	64	215	77	40	37	19·46	108·10	4	Upper Colaba	A
	Middle and Lower Colaba	13,923	8,109	4,914	197	780	204	101	103	15·66	98·05	27	Middle and Lower Colaba	
	Fort, Southern	2,309	2,680	629	30	81	24	10	14	7·25	71·42	2	Fort, Southern	
	Fort, Northern	22,956	13,588	9,368	274	1,195	558	273	285	24·30	95·78	57	Fort, Northern	
	Esplanade	10,288	7,564	3,134	153	471	177	92	85	17·02	108·23	20	Esplanade	
B	Mandvi	31,402	18,413	12,989	402	1,973	739	393	346	23·13	112·35	67	Mandvi	B
	Chokla	24,384	14,672	9,712	356	1,530	723	370	353	29·65	104·81	88	Chokla	
	Umarkhadi	48,481	28,641	19,840	708	2,998	919	503	416	18·95	120·91	141	Umarkhadi	
	Dongri	25,778	14,559	11,219	401	1,697	619	317	302	24·01	104·96	79	Dongri	
	Market	28,415	18,734	9,681	356	1,442	606	248	358	17·80	86·12	47	Market	
C	Dhobi Talao	29,353	17,737	11,616	436	1,674	673	350	323	22·77	108·35	75	Dhobi Talao	C
	Fanaswadi	16,354	10,934	5,320	214	825	409	222	187	24·90	118·71	43	Fanaswadi	
	Bhuleshwar	30,229	19,135	11,094	344	1,592	623	252	271	17·30	92·98	65	Bhuleshwar	
	Khara Talao	23,161	14,161	8,997	323	1,315	646	338	308	27·89	109·74	52	Khara Talao	
	Kumbharwada	27,544	16,384	11,160	421	1,465	664	342	322	24·10	106·21	63	Kumbharwada	
D	Khetwadi	27,160	16,287	10,873	324	1,390	629	351	278	23·15	126·25	54	Khetwadi	D
	Girgaum	14,568	8,151	6,715	150	847	340	166	174	23·87	95·40	44	Girgaum	
	Chaupati	6,729	4,104	2,625	99	319	172	98	74	25·56	132·43	22	Chaupati	
	Walkeshwar	10,463	6,897	3,566	142	572	168	99	69	15·93	143·47	16	Walkeshwar	
	Mahalakshmi	18,022	10,953	7,139	288	1,078	381	187	194	21·05	96·39	24	Mahalakshmi	
	Mazagon	27,933	16,590	11,343	392	1,778	468	251	217	16·75	115·66	66	Mazagon	
	Tarwadi	18,480	11,529	6,951	231	1,008	423	230	193	22·91	119·17	139	Tarwadi	
E	2nd Nagpada	18,591	10,635	7,956	290	1,117	469	236	233	25·22	101·28	39	2nd Nagpada	E
	Kamathipura	26,706	15,275	11,431	342	1,275	702	364	338	26·28	107·69	78	Kamathipura	
	Tardeo	20,958	12,213	8,745	280	1,319	518	292	266	24·62	108·77	51	Tardeo	
	Byculla	57,646	34,544	23,102	751	3,291	1,453	811	672	25·72	120·68	155	Byculla	
	1st Nagpada	10,577	6,305	4,272	98	577	19	8	11	1·79	72·72	1	1st Nagpada	
F	Parel	33,390	20,430	12,960	318	1,916	743	389	354	22·25	109·88	67	Parel	F
	Sewri	9,294	5,605	3,689	139	635	225	120	105	24·20	114·28	12	Sewri	
	Sion	25,443	15,139	10,304	419	1,820	567	286	281	22·28	101·77	49	Sion	
G	Mahim	27,396	15,927	11,469	408	1,968	584	267	297	20·69	89·89	48	Mahim	G
	Worli	45,538	27,229	18,299	569	2,653	1,040	501	499	21·93	100·40	125	Worli	
	Harbour and Docks, Railways and Homeless	37,681	34,018	3,663	107	579	3	1	2	·07	50·00	....	Harbour and Docks, Railways and Homeless	
	Total	776,006	479,786	296,220	9,930	43,404	14,375	8,506	7,869	21·10	108·09	1,818	Total	

Wards.	SECTIONS.	POPULATION. Persons.	Males.	Females.	Number of persons under one year.	Number of persons of one year and under 5 years.	BIRTHS. Number of births born alive during the year.	Males.	Females.	Birth-rate per 1,000 of population.	Number of males to every 100 female births.	Number of still-born.	SECTIONS.	Wards.

II.

TABLE showing the number of deaths and the death-rate per 1,000 of Population by Sections in 1903.

Wards.	SECTIONS.	Persons.		Males.		Females.		Number of persons under one year.		Number of persons of one year and under five years.		SECTIONS.	Wards.
		Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.		
A	Upper Colaba...	71	17·94	50	18·12	21	17·52	14	218·75	6	27·90	Upper Colaba...	A
	Middle& Lower Colaba ...	677	51·98	413	50·93	264	53·72	107	543·14	57	73·07	Middle& Lower Colaba ...	
	Fort, Southern.	64	19·34	46	17·16	18	28·61	5	166·66	3	37·03	Fort, Southern.	
	Fort, Northern.	1,403	61·11	824	60·64	579	61·80	221	806·56	110	92·05	Fort, Northern.	
	Esplanade ...	409	39·93	277	38·15	132	42·11	68	444·44	38	80·67	Esplanade ...	
B	Mandvi ...	2,346	74·70	1,329	73·17	1,017	78·29	472	1,174·12	167	84·64	Mandvi ...	B
	Chukla ...	1,648	67·58	899	61·27	749	77·12	325	907·30	136	88·88	Chukla ...	
	Umarkhadi ...	3,127	64·49	1,714	59·84	1,413	71·21	593	837·57	268	89·39	Umarkhadi ...	
	Dongri ...	2,144	83·17	1,187	81·53	957	85·30	478	1,192·01	200	117·85	Dongri ...	
C	Market ...	1,816	63·90	1,145	61·11	671	69·21	241	676·96	166	115·11	Market ...	C
	Dhobi Talao ...	1,809	61·21	1,070	60·32	739	62·54	281	644·49	139	88·31	Dhobi Talao ...	
	Fanaswadi ...	1,235	75·51	746	74·34	489	77·37	200	925·92	104	124·55	Fanaswadi ...	
	Bhuleshwar ...	2,343	74·20	1,313	68·61	930	83·82	318	924·41	160	100·50	Bhuleshwar ...	
	Khara Talao ...	1,847	79·74	1,041	73·49	806	89·58	357	1,105·26	161	122·43	Khara Talao ...	
	Kumbharwada.	2,139	77·65	1,224	74·70	915	81·98	416	981·13	186	126·96	Kumbharwada.	
D	Khetwadi ...	1,665	62·30	988	60·66	677	62·26	251	774·69	185	84·27	Khetwadi ...	D
	Girgaum ...	1,257	84·55	721	78·78	536	93·78	207	1,380·00	105	123·96	Girgaum ...	
	Chaupati ...	503	74·75	288	70·17	215	81·90	81	818·18	40	125·39	Chaupati ...	
	Walkeshwar ...	367	34·74	232	33·63	135	36·82	68	478·87	28	48·95	Walkeshwar ...	
	Mahalakshmi...	981	54·22	572	52·22	409	57·29	127	492·24	57	52·82	Mahalakshmi...	
E	Mazagon ...	1,848	66·15	1,108	66·78	740	65·23	288	894·40	143	80·51	Mazagon ...	E
	Tarwadi ...	1,862	100·86	1,084	94·18	778	111·92	367	1,588·74	130	128·96	Tarwadi ...	
	2nd Nagpada...	1,468	78·96	782	73·53	686	86·22	284	979·31	140	125·35	2nd Nagpada...	
	Kamathipura...	2,326	87·09	1,259	83·42	1,067	93·34	392	1,142·85	164	128·62	Kamathipura...	
	Tardeo ...	1,401	66·34	790	64·68	611	69·86	280	1,000·00	117	95·98	Tardeo... ...	
	Byculla ...	4,689	81·34	2,637	76·33	2,052	88·82	838	1,115·84	426	129·44	Byculla ...	
	1st Nagpada ...	56	5·29	33	5·23	23	5·38	8	81·63	7	12·13	1st Nagpada ...	
F	Parel	2,339	70·05	1,354	66·27	985	76·00	409	1,286·16	185	96·55	Parel	F
	Sewri	378	40·67	227	40·49	151	40·93	78	561·15	30	47·24	Sewri	
	Sion	1,362	53·53	769	50·79	593	57·55	232	553·69	111	60·98	Sion	
G	Mahim ...	1,399	51·08	744	46·71	655	57·16	202	497·53	101	51·32	Mahim... ...	G
	Worli	3,512	77·03	1,952	71·42	1,560	85·43	510	896·30	267	100·64	Worli	
	Harbour and Docks, Railways and Homeless ...	122	3·23	116	3·40	6	1·63	2	18·69	...	...	Harbour and Docks, Railways and Homeless ...	
	Total ...	50,513	65·09	28,934	60·30	21,579	72·84	8,718	877·94	4,087	94·16	Total ...	

Wards.	SECTIONS.	Persons.		Males.		Females.		Number of persons under one year.		Number of persons of one year and under 5 years.		SECTIONS.	Wards.
		Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.		

TABLE showing the number of deaths and the death-rate from some of the Principal Diseases by Sections in 1903.

Wards.	SECTIONS.	Deaths.		Cholera.		Small-pox.		Measles.		Fevers.		Respiratory System.		Diarrhœa and Dysentery.		Injuries.		Plague.		All other causes, except still-born.		SECTIONS.	Wards.
		Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.		
A	Upper Colaba	71	17·94	..	..	1	·25	..	..	7	1·76	6	1·51	3	·75	..	..	18	4·55	36	9·10	Upper Colaba	A
	Middle and Lower Colaba	677	51·98	1	·07	13	·99	13	·99	53	4·06	32	2·29	28	2·15	9	·69	301	22·11	177	13·59	Middle and Lower Colaba	
	Fort, Southern ..	64	19·34	..	..	3	·90	..	..	4	1·20	7	2·11	2	·60	1	·30	28	7·85	21	6·34	Fort, Southern ..	
	Fort, Northern ..	1,403	61·11	..	..	42	1·82	21	·91	99	4·31	173	7·53	86	3·74	22	·95	428	21·69	463	20·12	Fort, Northern ..	
	Esplanade	460	39·38	1	·09	5	·48	7	·67	21	2·01	57	5·48	31	2·98	20	1·92	111	10·67	156	15·00	Esplanade	
B	Mandvi	2,346	74·70	..	..	50	1·59	69	2·19	189	6·01	452	14·39	85	2·70	24	·76	866	27·57	611	19·45	Mandvi	B
	Chukla	1,648	67·58	..	..	38	1·55	23	·94	81	3·32	363	14·88	78	3·19	6	·24	481	19·72	578	23·70	Chukla	
	Umarkhadi	3,127	61·49	1	·02	64	1·25	72	1·41	185	3·64	645	13·20	200	4·12	17	·35	999	19·74	1,934	37·33	Umarkhadi	
	Dongri	2,141	33·17	4	·15	8	·34	59	2·28	182	7·44	319	12·37	110	4·26	15	·58	872	33·81	564	21·87	Dongri	
C	Market	1,816	63·20	..	..	59	2·07	38	1·33	113	3·97	237	8·24	86	3·02	18	·63	770	27·09	495	17·42	Market	C
	Dhobi Talao	1,809	61·21	..	..	109	3·68	34	1·15	89	3·01	250	8·45	108	3·65	20	·67	689	23·31	510	17·25	Dhobi Talao	
	Fanaswadi	1,235	75·51	..	..	92	5·62	20	1·23	60	3·66	159	9·17	49	2·99	16	·97	551	33·69	287	17·54	Fanaswadi	
	Bhuleshwar	2,243	74·20	1	·03	48	1·58	31	1·02	106	3·50	368	12·17	134	4·43	28	·92	1,013	33·51	514	17·00	Bhuleshwar	
	Khara Talao	1,817	79·74	..	..	58	2·50	77	3·32	48	2·07	261	19·58	74	3·19	26	1·12	608	26·21	593	25·56	Khara Talao	
	Kumbharwada	2,134	77·95	..	..	126	4·57	50	1·81	54	1·96	399	14·48	95	3·44	21	·76	807	29·29	557	21·31	Kumbharwada	
D	Khetwadi	1,665	61·30	1	·03	51	1·87	38	1·39	50	1·84	271	9·97	60	2·20	19	·69	788	27·17	437	16·08	Khetwadi	D
	Girgaum	1,257	51·53	..	..	84	3·65	15	1·00	31	5·14	168	11·20	58	3·90	16	1·07	471	31·65	364	24·48	Girgaum	
	Chaupati	503	74·75	..	..	25	3·71	5	·74	21	4·60	53	7·87	27	4·01	5	·74	214	31·80	143	21·25	Chaupati	
	Walkeshwar	367	34·74	..	..	9	·47	4	·37	37	3·12	98	8·23	13	1·23	9	·85	113	10·69	141	13·34	Walkeshwar	
	Mahalakshmi	991	51·22	2	·11	24	1·32	13	·71	23	1·27	101	5·58	54	2·98	8	·44	541	29·90	215	11·88	Mahalakshmi	
E	Mazagon	1,848	66·15	..	..	22	·78	23	·82	100	3·57	192	6·87	73	2·79	13	·46	933	33·40	487	17·43	Mazagon	E
	Tarwadi	1,362	100·86	..	..	17	·92	41	2·23	104	5·63	176	9·53	154	8·34	47	2·54	732	39·65	591	32·01	Tarwadi	
	2nd Nagpada	1,163	78·96	..	..	35	1·88	47	2·52	8	·43	212	11·40	72	3·87	10	·53	520	27·97	564	30·33	2nd Nagpada	
	Kamathipura	2,326	87·93	..	..	56	2·07	48	1·79	33	1·23	295	11·08	151	5·68	17	·63	927	37·33	728	27·28	Kamathipura	
	Tardeo	1,491	66·84	1	·04	50	2·38	42	2·00	22	1·04	203	9·61	104	4·96	16	·76	609	29·03	253	16·93	Tardeo	
	Byculla	4,689	81·34	..	..	131	2·27	174	3·01	269	4·64	602	10·44	186	3·22	34	·58	2,075	35·99	1,219	21·14	Byculla	
	1st Nagpada	56	5·29	..	..	1	·09	2	·18	..	..	6	·56	7	·66	2	·18	27	2·55	11	1·03	1st Nagpada	
F	Parel	2,339	70·05	1	·03	80	2·69	53	1·58	51	1·52	271	8·11	147	4·40	20	·59	1,090	32·64	616	18·44	Parel	F
	Sewri	378	40·87	..	..	12	1·29	5	·53	15	1·61	37	3·98	32	3·44	4	·43	144	15·49	129	13·87	Sewri	
	Sion	1,262	53·53	3	·11	44	1·73	21	·82	47	1·84	93	3·65	103	4·04	12	·47	513	21·73	485	19·10	Sion	
G	Mahim	1,339	51·08	..	..	23	·83	15	·54	49	1·78	212	7·74	124	4·52	22	·80	609	22·23	345	12·59	Mahim	G
	Worli	3,512	77·03	1	·02	87	1·90	45	·98	107	2·34	280	6·14	214	4·69	29	·63	1,884	41·32	865	18·97	Worli	
	Harbour and Docks, Railways and Homeless.	122	3·23	..	..	3	·07	..	..	10	·26	11	·29	7	·18	21	·55	18	·47	52	1·38	Harbour and Docks, Railways and Homeless.	
	Total ..	50,513	65·09	17	·02	1,477	1·90	1,115	1·43	2,333	3·00	7,101	9·15	2,760	3·55	547	·70	20,735	26·73	14,375	18·52	Total ..	

Wards.	SECTIONS.	Deaths.		Cholera.		Small-pox.		Measles.		Fevers.		Respiratory System.		Diarrhœa and Dysentery.		Injuries.		Plague.		All other causes, except still-born.		SECTIONS.	Wards.
		Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.	Number of deaths.	Per 1,000 of population.		

CAUSES OF DEATHS arranged according to the Nomenclature of Diseases drawn up by the COMMITTEE OF ROYAL COLLEGE OF PHYSICIANS OF LONDON for 1903.

		No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
General Diseases.	A.	1	Small-pox	96	228	361	358	238	96	53	22	12	1	2	10	1,477
		3	Chicken-pox	...	1	1	1	1	1	...	...	...	...	1	...	6
			" " and Pneumonia	...	...	...	...	1	1	...	...	...	...	...	...	2
		4	Measles	210	258	252	173	74	26	16	4	3	6	9	8	1,039
			" and Complications	3	...	1	...	...	...	...	...	...	...	...	...	4
			" " Pneumonia	3	10	15	7	7	...	1	...	1	...	1	...	38
			" " Broncho-Pneumonia	1	1	1	1	7	2	...	...	1	...	...	...	14
			" " Bronchitis	4	1	1	2	...	...	1	...	...	...	...	...	9
			" " Convulsions	2	...	...	1	...	...	...	...	...	...	...	...	3
			" " Diarrhœa	3	1	2	...	...	...	...	...	...	...	...	...	6
			" " Fever	...	1	...	...	...	...	...	...	...	...	...	...	1
			" " Exhaustion	...	1	...	...	...	...	...	...	...	...	...	...	1
		7	Typhus	...	...	...	...	1	...	...	...	...	...	...	...	1
		8	Plague	1,695	3,492	5,865	5,737	1,581	657	348	335	323	263	221	271	20,788
		9	Relapsing Fever	21	15	16	15	18	12	6	18	9	11	13	13	167
		11	Influenza	1	...	...	...	...	...	...	...	...	...	1	...	2
		12	Whooping Cough	5	2	3	2	...	3	3	...	...	...	...	1	19
		13	Mumps	...	...	...	...	...	1	...	...	...	...	...	...	1
		14	Diphtheria	1	...	...	...	...	...	1	...	...	...	...	1	3
		15	Cerebro-Spinal Fever	...	...	...	...	1	3	1	1	...	...	...	...	7
		16	Simple Continued Fever	...	...	...	1	1	1	...	...	1	1	2	4	11
			" " " and Pneumonia	...	1	...	...	...	...	...	...	...	1	...	...	2
		17	Enteric Fever	3	3	5	4	5	2	5	2	2	3	5	1	46
			Typho-Malarial Fever	...	1	...	...	...	...	1	...	...	...	...	...	2
			" Remittent Fever	3	9	5	3	3	1	4	4	2	1	1	3	44
		18	Cholera	2	1	2	...	2	1	4	3	1	...	...	1	17
		20	Epidemic Diarrhœa	188	165	161	160	151	127	164	129	125	114	120	153	1,757
		21	Dysentery	132	98	82	111	73	82	72	80	67	63	51	92	1,003
		23	Beri-Beri	5	1	1	2	3	...	...	1	1	1	...	...	15
		24	Malarial Fever	39	27	27	18	15	19	17	16	10	15	14	22	239
			" " and Bronchitis	3	...	...	...	...	...	...	...	...	...	...	...	3
			" " Anæmia	1	...	...	...	...	...	...	...	...	...	...	...	1
			" " with enlarged spleen	1	...	...	...	...	...	...	...	2	4	...	1	8
			" " and Pneumonia	...	2	...	...	...	3	1	...	...	...	...	...	6
			" " " Dysentery	...	...	...	...	...	1	...	...	...	...	1	...	2
			" " " General Debility	...	...	...	...	...	...	1	3	2	2	1	3	12
			" " " Coma	...	...	...	...	...	...	1	...	...	...	...	...	1
			" " " Diarrhœa	...	...	...	...	...	...	...	1	...	...	...	1	2
			Malarial Cachexia	...	...	...	...	...	...	3	7	3	1	1	...	15
			" " Splenic	...	...	...	...	...	...	...	...	3	...	1	...	4

	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
General Diseases—(contd).		Malarial Fever and Chronic Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	1
		(a) Intermittent Fever	3	...	...	...	...	3	5	2	5	3	3	4	28
		" " and Bronchitis	...	1	...	...	...	...	...	...	...	...	2	...	3
		" " " General Debility	...	...	...	...	...	...	...	1	1	...	...	...	2
		Malarial Remittent Fever	...	...	...	...	...	...	1	2	2	1	1	2	9
		" " " and Peri Hepatitis	...	1	...	...	...	...	...	...	...	...	...	...	1
		(b) Remittent Fever	164	176	162	148	130	158	113	111	100	100	99	126	1,587
		" " Bronchial Catarrh	...	...	...	1	...	...	...	...	...	...	...	1	2
		" " Pneumonia	7	7	6	3	2	...	1	7	5	6	15	19	78
		" " Broncho-Pneumonia	...	1	...	...	...	...	...	...	...	...	...	...	1
		" " and Bronchitis	6	11	6	2	6	3	...	3	2	7	2	5	53
		" " Bronchitis Capillary	1	...	...	...	...	...	...	...	2	...	...	1	4
		" " Asthma	3	...	1	...	...	1	...	...	1	...	...	1	7
		" " Congestion of Brain	1	1	1	...	...	1	...	...	...	1	2	...	7
		" " Diarrhœa	3	1	1	2	3	2	2	6	3	3	2	3	31
		" " Dysentery	2	...	...	...	...	...	...	...	1	1	...	...	4
		" " Convulsions	3	3	...	2	2	2	2	1	3	5	1	3	32
		" " and Hepatitis	2	...	1	...	...	...	1	...	1	...	1	1	7
		" " Cardiac Failure	3	3	...	...	...	1	...	...	...	1	...	...	8
		" " General Debility	...	2	1	...	...	1	...	3	3	1	...	5	16
		" " Meningitis	...	2	...	...	...	1	...	...	...	...	...	...	3
		" " Jaundice	...	1	...	...	...	...	...	...	...	...	...	...	1
		" " Lung Complication	...	1	2	...	1	...	...	...	1	2	1	2	10
		" " Inflammation of Leg	...	...	1	...	...	...	...	...	...	...	...	...	1
		" " Congestion of Liver	...	...	...	1	...	...	...	...	...	...	...	...	1
		" " Pharyngeal Catarrh	...	...	...	...	1	...	...	1	...	...	...	...	2
		" " Abscess of the Head	...	...	...	...	2	...	...	...	...	...	...	...	2
		" " Teething	...	...	...	...	1	2	...	...	...	...	1	...	4
		" " Pleurisy with effusion and extreme exhaustion	...	...	...	...	...	1	...	...	...	...	...	...	1
		" " Acute Enteritis	...	...	...	...	...	...	2	...	...	...	...	...	2
		" " Gangrenous Stomatitis	...	...	...	...	...	...	...	1	...	...	...	...	1
		Hectic Fever	...	...	...	...	...	...	1	...	...	...	...	...	1
		Remittent Fever and General Paralysis	...	...	...	...	...	...	1	...	...	...	1	...	2
		" " Inflammation of Tonsils	...	...	...	...	...	...	...	1	...	...	...	...	1
		" " Acute Peritonitis	...	...	...	...	...	...	...	1	...	...	...	...	1
		" " Pneumonia and Intestinal Catarrh	...	...	...	...	...	...	...	2	...	...	...	...	2
		" " Abscess	...	...	...	...	...	...	...	...	1	...	1	...	2
		" " after Vaccination	...	...	...	...	...	...	...	...	1	...	...	...	1
		" " and Bright's Disease	...	...	...	...	...	...	...	...	1	...	1	...	2
		Quartan Fever	...	...	...	...	...	...	...	...	1	...	...	...	1
		Remittent Fever, Jaundice and Brain Complications	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " and Enlargement of Liver	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " Nervous Exhaustion	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " Gastritis	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " Severe Headache and Coma	...	...	...	...	...	...	...	...	...	...	1	...	1
		Continuous Bombay Fever	...	...	...	...	...	...	...	...	...	1	...	...	1
		Mediterranean Fever	...	...	...	...	...	...	...	...	...	...	...	1	1
		Hyperpyrexia and Heart Failure	1	...	...	1	...	...	...	...	2	...	...	...	4
		" " Convulsions	1	...	...	...	...	...	...	...	...	...	...	...	1

(General Diseases—(contd.)

B.

| | | |

(General Diseases—(contd.)

B.

No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
61	Gout-General Debility												1	1
	Osteo Arthritis												2	2
	Malignant Tumour		1	2				1						4
	,, Uterus													1
	,, Abdomen													1
65	Rickets	21	9	13	10	7	3	11	8	11	7	12	7	119
	,, Kidney Disease								1					1
	,, Heart Failure													1
	,, Convulsions													1
	,, Debility								1					2
	,, Bronchitis							1	2		1			3
	,, Diarrhœa	13	1	12	8	5	7	5	4	3	3	3	4	63
68	Anæmia	9	3	3	2	2	2	1	2	2	1	1	4	30
	and Old-age	11	10	16	18	8	7	7	12	14	15	12	13	153
	,, General Anasarca							1				1		2
	,, Debility					1				1	1			5
	,, Diarrhœa		1	2	1								2	6
	,, Rickets		2	1	1									3
70	Idiopathic Anæmia			3	1									1
	Cancer	2	2	2	1	1	3	2	1	1	3	5	1	21
	,, Throat	2	1	1										4
	,, Abdomen													1
	,, Uterus	1		1	1									2
	,, Recurrent		1	1										2
	,, Liver				1	1		1					2	7
	,, Pharynx													1
	,, Foot						1	1						2
	,, Larynx													1
	,, Breast													1
	,, Penis								1		1		1	3
	,, Tongue									1		1		2
	Carcinoma Mesenteric Glands													1
	Epithelioma								1				1	2
	,, Prepuce and Valvular Disease of Heart Mitral													1
	Mouth			1			1							2
75	Diabetes Mellitus	2		5	4			4	4	2	1	1	3	23
	Bright's Disease									1				1
	Diabetic Coma		1	1			1				1		1	5
	Carbuncle													1
	,, Gangrene										2	1		3
77	Immaturity at birth	8		11	6	1	5	6	11	8	7	11	16	97
	Diabetic Rheumatism						1							1
	,, Cellulitis	1			1									1
78	Sarcoma							1		1				3
79	Congenital Malformations													1
80	Debility	195	212	236	233	197	196	225	255	249	264	268	286	2,881
	Old-age	242	223	223	220	131	91	106	99	96	111	116	160	1,592

Local Diseases—(*contd.*)

Diseases of the Nervous System.

	Diseases of the Spinal Cord and Membranes.																								
	Posterior Basal Meningitis															1									1
	Diseases of the Cerebro-Spinal System.																								
84	Hæmorrhage											2							1						1
85	Myelitis																		1	2		1			6
87	Degeneration of Posterior Columns												1												1
	DISEASES OF THE BRAIN AND ITS MEMBRANES																								
	Membranes.																								
89	Meningitis											5	2	6	4	6	9	8	2	2	7	5	6	62
	„ and Pneumonia																					1		1
	Sphenoid Abscess and Meningitis													1										1
	Meningitis Septic																	1						1
91	External Hydrocephalus															1		1					1	3
	(*Brain.*)																								
92	Encephalitis																				1			1
93	Abscess																			1				1
95	Softening																	1			1			2
	Coma																						1	1
	Brain Fever											1	1	1	1			1						5
	„ Apoplexy												1											1
96	Hæmorrhage											6	7	3	3	2	2	7	3	4	2	1	7	47
	Cerebral Thrombosis and Coma												1											1
97	Hyperæmia											1		3								1	1	6
	„ due to Alcoholic Poisoning																1							1
	Cerebral Embolism																1		1					2
	„ Irritation																			1				1
99	Atrophy														1									1
	Functional Nervous Disorders, with other Diseases of undetermined nature.																								
102	Apoplexy												1	3	3		1	2	1		11	3	4	29
	„ Serous																						1	1
	„ and Hemiplegia																						1	1
103	Paralysis											7	12	5	4	6	5	5	8	9	4	4	6	75
	„ *a* Paraplegia											3	1		2	1	6	3		2			5	23
	„ with Hemiplegia														1									1
	„ and Coma																1						1	2
	„ and Anæmia																	1						1
	Labis Glaseal Laryngeal Paralysis															1								1
117	Eclampsia, Infantile											212	210	181	178	134	134	126	107	119	126	97	129	1,753
	„ Puerperal											3	3	1	2	2	2	3	2	4	5	6		33
	„ „ with Embolism														1									1
118	Epilepsy											3	5	3	2	3	2		2		2	4	2	28
	„ and Heart Failure																		1					1
127	Hysteria												1	2					1					4
135	Neuralgia																			1				1
	Mental Diseases.																								
137	Mania											1	1		1							1	1	5
	„ Puerperal																1							1

Local Diseases—(contd.)		No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	Diseases of the Nervous System—concld.		Dementia					1				1				2
			Mental stupor		1											1
			Insanity and Ascites		1											1
			Diseases of the Choroid and Ciliary Body.													
	Diseases of the Eye, Ear and Nose.	167	Glaucoma											1		1
			Diseases of the Orbit and neighbouring parts.													
		226	Caries													
			Diseases of the external ear													
		230	Inflammation					1								1
															1	1
			Diseases of the Nose.													
		248	Epistaxis	1	1											2
			Diseases of the Heart and its Membranes.													
	Diseases of the Circulatory System.	252	Pericarditis	1	1											3
		258	Endocarditis			1								1		1
		259	Valvular disease	23	18	17	18	17	9	17	23	16	17	18	35	228
			„ Aortic					1	1			1	1	2	1	2
			„ 2 Mitral	2		1							1		1	10
			„ Aortic and Mitral	1	1			4		1		1				6
			Mitral Stenosis													1
			Disaction of the Heart													1
			Cardiac Dropsy	1	1	3	1	2	2	1	2	2		2		16
			„ Asthma		1											2
			Diseases of the Muscular Structure.													
		261	Degeneration, Fatty			1	2				1			1	1	5
		264	Dilatation				1				1				1	4
			Spasms of the Heart			1			1							1
		265	Excessive growth of fat													1
		266	Aneurism	1					1	1	1			2		6
			„ of left Ventricles				1									1
		268	Diseases of the Coronary Arteries		1											1
		269	Clots in the Heart and Thrombosis		1											1
			Atheroma of Coronary Arteries and Angina Pectoris			1	1		1	1	1	2	2		3	13
		271	Angina Pectoris	2												

Local Diseases—(*contd.*)

Diseases of the Circulatory System.

Diseases of the Respiratory System.

272	Syncope											1		4	1			3	1		1		3	14
	,, due to Malformation of Heart																			1				1
285	Obstruction or Occlusion by a Clot																					1		1
	,, ,, Thrombosis																							
	Diseases of Capillaries.																							
297	Dilatation											1	1											2
	Diseases of the Respiratory System not strictly Local.																							
300	Croup											1												1
	Diseases of the Larynx.																							
302	Inflammation of Mucous Membrane												1	1					1	2	1			6
	Diseases of the Trachea and Bronchi.																							
315	Bronchitis, Acute											101	109	139	132	89	79	92	69	69	45	40	65	1,030
	,, Chronic											260	202	180	209	159	162	115	153	133	127	133	151	1,975
	,, Capillary											94	69	79	84	59	65	58	72	46	48	60	57	791
	,, Convulsions											3		2		5			4	4	1	4		20
	,, Fever															1	1							2
	,, Debility													25			1							26
	,, Diarrhœa											4	2	2	1		1		4				1	15
	,, Pneumonia											1			1		2							4
	,, Emphysema											1			1	3	3	2	4	4	2	4	4	28
	,, Hepatitis											1												1
	,, Asthma																		7	3	12	15	14	62
	,, Rickets														5	4		2				1		1
	,, Heart Failure																					1		1
322	Spasmodic Asthma											110	103	20	85	58	74	63	73	74	100	94	99	1,053
	,, ,, and Hemicrania																						1	1
	,, ,, Anæmia											1												1
	,, ,, Fever											3				3	1						2	9
	,, ,, Bronchitis											4	5	1										10
	,, ,, Inflammation of Kidney												1											1
	Asthma, Bronchial													2										2
	,, and Debility													2							2			4
	,, ,, Dropsy													1			1							2
	Diseases of the Lung.																							
323	Congestion																		1					1
	Ulceration																		1					1
324	Hæmorrhage												1		1					1				2
	Hæmoptysis												3			1					1		1	7

Local Diseases.—(contd.)

No. in the No-menclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	Diseases of the Respiratory System.													
326	Inflamation	...	1	2	...	...	...	...	...	...	...	...	...	3
	Pneumonia	162	123	128	116	84	89	96	71	85	85	88	108	1,174
	,, Lobar	2	...	7	4	1	1	3	...	1	2	1	5	21
	,, Croupous	...	...	...	...	2	2	3	3	...	...	...	3	14
	,, Pleuro	2	1	...	2	2	2	3	...	1	3	...	...	18
	,, Double	7	5	1	2	2	2	4	...	2	...	2	...	31
	,, Inflammation of Liver	...	1	...	...	...	...	...	...	...	...	...	...	1
	,, with Dysentery and Diarrhœa	...	...	...	...	...	...	...	...	...	...	...	...	1
	,, with Convulsions	1	2	...	1	2	...	...	2	2	2	1	...	12
	,, Catarrhal	...	...	...	...	...	...	...	2	2	...	1	1	5
	,, with œdema of Lungs and Convulsions	...	...	...	...	...	...	...	...	...	1	...	...	1
327	,, Broncho	87	78	54	61	52	64	62	63	59	42	53	41	262
	,, ,, with Enlargement of Liver	...	...	...	...	...	...	...	3	...	...	...	...	1
	,, ,, with Cardiac Feature	...	...	...	...	...	1	...	...	...	...	...	...	1
330	Gangrene	306	288	278	245	215	190	216	213	218	241	218	198	2,812
334	Phthisis	2	2	6	3	3	5	3	2	3	3	1	2	31
335	Empyæma													
	Diseases of the Pleura.													
339	Pleurisy	6	2		3			3	5	2	1		3	25
	,, with Effusion					2	2			1			2	4
343	Pneumo-thorax													1
	Diseases of the Mouth.													
348	Inflammation	1											1	2
349	Ulceration		1						1					2
350	Gangrene				1									1
	Diseases of the Teeth, Alveoli and Gums.													
353	Disorders of Dentition	9	8	7		4	1	4	3	5	2	6	4	56
	Dentition				4	2	3			1			1	8
	,, and Convulsions	12	3	6	8	9	9	8	6	7	6	8	14	96
	,, ,, Diarrhœa							1						1
	,, ,, Dysentery													
	Diseases of the Palate and Fauces.													
385	Sore Throat												1	1
386	Ulceration of Throat and Jaundice													1
387	Acute Inflamation of Tonsils													1
	Tonsilitis		1											2
	,, Cynanche													1

Local Diseases—(contd.)

Diseases of the Digestive System.

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	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Diseases—(contd.) Diseases of the Digestive System.		*Diseases of the Hepatic Ducts and Gall Bladder.*													
		Hepatic Dropsy	2	...	...	...	...	...	1	...	1	...	1	1	6
	475	Prolapse	...	...	...	...	...	...	...	1	...	...	...	...	1
		Stricture Rectum	...	...	...	...	...	...	...	1	...	...	...	...	1
	477	Piles	2	...	1	2	2	1	1	3	1	3	...	1	17
		„ Internal	1	...	...	2	...	...	...	...	...	...	...	2	5
		„ Bleeding	...	...	...	...	...	...	...	...	...	...	...	1	1
		Diseases of the Liver.													
		Inflammation	...	...	...	...	...	...	...	1	...	1	...	...	2
	479	Hepatitis	10	8	13	18	7	9	10	10	13	8	6	21	133
		(a) Acute	...	5	4	...	...	...	1	...	2	...	2	...	14
		Abscess	8	9	4	7	8	4	5	10	7	8	9	10	89
		(b) Chronic Cirrhosis	8	8	1	5	11	2	5	3	3	8	5	8	67
		Torpid Liver	1	...	...	...	...	...	...	...	...	...	...	...	1
	481	Hyperæmia	2	...	...	2	1	...	1	...	2	...	1	1	10
		Chronic Cirrhosis of Liver and Dropsy	...	...	...	...	1	...	...	...	...	...	...	...	1
	482	Acute yellow Atrophy	1	...	...	...	...	...	...	...	...	1	...	...	2
		„ „ Hypertrophy	...	...	...	...	...	...	...	...	...	1	1	...	2
		Liver Complaint	3	3	2	1	1	1	...	1	...	1	...	1	14
		Hepatic Dropsy	...	...	...	...	...	...	...	...	...	1	1	1	3
	483	Degeneration Hydated Cyst Liver	...	...	...	...	...	...	...	...	...	...	...	1	1
		c Lardaceous	3	2	2	...	1	...	...	...	...	...	...	...	8
		Atrophy	1	...	...	...	...	...	...	...	...	...	...	...	1
		Diseases of the Peritoneum.													
	502	Inflammation	4	1	2	6	3	2	3	3	2	6	3	7	42
	503	Ascites	10	9	11	9	15	10	7	10	13	7	8	7	116
		„ due to Cirrhosis of Liver	...	...	...	...	...	...	1	1	2	...	...	...	4
	504	Omental Hernia Irreducible	1	2	...	...	...	...	...	...	...	...	...	...	3
Diseases of the Lymphatic System.		*Diseases of the Spleen.*													
	506	Splenitis	...	1	...	1	...	...	...	...	...	1	...	...	3
		Enlargement of Spleen	3	2	6	2	...	1	...	2	...	...	...	2	18
	518	Inflammation of Lymphatics	...	...	...	...	1	...	...	...	...	...	...	...	1
	522	Elephantiasis	1	...	3	3	...	1	2	...	1	...	1	2	14
		„ Scrotum and Penis	...	...	...	1	...	1	...	...	...	...	...	...	2
		„ Fever	...	...	...	...	...	...	...	...	...	...	1	...	1
		Diseases of the Thyroid Body.													
	532	Goitre	...	...	...	...	1	...	...	...	...	...	...	...	1

Local Diseases—(contd.)

Diseases of the Urinary System.

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	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Diseases—(*contd.*)															
Diseases of the Generative System.		*Diseases of the Testice.*													
	625	Inflammation—I Orchitis	...	...	1	...	...	...	...	1	...	...	1	...	3
		DISEASES OF THE FEMALE ORGANS OF GENERATION.													
		Diseases of the Ovary.													
		Ovaritis	...	...	1	...	...	...	...	...	...	...	...	...	1
		Diseases of the Uterine Ligaments and of the Adjacent Peritoneum and Cellular Tissue.													
	649	Inflammation—													
		a Pelvic Peritonitis	...	...	1	...	...	...	...	...	...	1	...	1	3
		b „ Cellulitis...	1	2	...	...	...	...	...	...	...	...	1	...	4
	650	Abscess—													
		b Parametric	...	1	1	1	...	...	...	...	...	1	...	...	4
		Diseases of the Uterus, including the Cervix.													
	651	Metritis	...	...	...	...	...	...	...	...	...	1	...	...	1
		a Catarrhael	1	...	...	...	...	...	...	...	...	...	...	...	1
		Chronic and Emphysema	...	...	...	...	...	1	...	...	...	...	...	...	1
		Gangrene Vulva	...	1	...	...	...	...	...	...	...	...	...	...	1
		Affections consequent on Parturition.													
		Debility after Labour	3	...	1	2	4	...	2	2	...	2	5	3	24
		Syncope after Labour	...	...	...	...	...	...	...	...	1	...	...	...	1
		Functional and Symptomatic Disorders of the Female Organs of Generation.													
	685	Menorrhaegia	...	...	1	2	...	...	1	...	...	...	...	...	4
		Shock after Cæsarian Section	...	...	...	...	1	...	...	...	...	1	...	...	2
	687	Leucorrhœa	...	1	...	...	1	...	1	...	...	...	1	2	6
		Affections connected with Pregnancy.													
		Vomiting and Diarrhœa due to Pregnancy	...	...	...	...	...	...	...	...	1	1	...	...	2
	700	Miscarriage	2	3	3	...	2	...	1	...	3	1	1	2	19
		Hard Labour	...	...	1	...	...	...	...	1	...	1	3	2	8
		Affections connected with Parturition.													
		Hæmorrhage during Parturition	1	...	2	...	1	2	...	...	...	...	...	...	3
	707	Over-Distension of the Uterus...	...	...	...	...	...	...	...	...	...	...	...	...	3
	709	Hæmorrhage —													
		a Unavoidable from Placenta Prævia	...	...	...	1	...	...	...	...	...	...	...	...	1
		Extra Uterine Gestation	...	...	...	...	...	1	...	...	...	...	...	...	1
		Albuminuria of Pregnancy	...	...	...	1	...	...	...	...	...	...	...	...	1

Local Disease—contd.

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General Injuries.	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
		General Injuries.													
	873	Effects of Heat—													
		Scalds by hot tea, accidental	...	...	...	...	...	...	...	...	...	...	...	...	...
		a Burns—clothes caught fire, accidental.	5	...	1	...	1	...	...	...	...	...	1	...	8
		c Sunstroke	...	...	...	1	...	...	...	...	...	...	...	...	1
		Burns—clothes caught fire while working in a mill"	...	...	1	...	1	...	...	...	...	...	...	...	2
		" clothes caught fire from a kerosine oil lamp, accidental ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		" clothes caught fire while sitting near the kitchen fire, accidental	1	...	1	...	...	...	...	...	...	...	...	...	2
		" by an accidental fall of a kerosine oil lamp on her body ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		" clothes caught fire while sitting round fire kindled on the road side, accidental	...	1	...	...	...	...	...	...	...	...	...	...	1
		" clothes caught fire by kerosine oil having been ignited accidentally	...	1	...	...	...	...	...	...	...	...	...	...	1
		" clothes caught fire by an accidental fall of a lamp on her clothes	...	...	...	...	...	...	...	...	...	...	...	...	...
		" fell down a staircase with a lighted lamp in hand ...	...	...	...	1	...	...	...	...	...	...	...	...	1
		" clothes caught fire by the bursting of a case of sulphuric acid and the contents falling on him	...	...	...	...	...	...	...	...	...	...	...	...	...
		" and failure of heart scalded by the steam issuing from a cooking pot containing boiling food	...	...	...	...	1	...	...	...	...	...	...	...	1
		" caused by upsetting a pot of boiling water while playing ...	...	...	...	...	...	1	...	...	...	...	...	...	1
		" fell into the frying pan on Cocoanut Fair accidental	...	...	...	...	...	...	1	1	...	...	...	...	2
		" clothes caught fire while smoking, accidental	...	...	...	...	...	...	...	...	1	...	...	...	1
		" caused by an accidental fall of a light while lighting the same and clothes caught fire to his clothes, accidental	...	...	...	...	...	...	...	...	...	...	...	...	...
		" in mill, accidental	...	...	...	...	...	...	...	...	...	...	...	...	...
		" clothes caught fire while cooking	...	...	...	...	...	...	...	...	...	...	...	...	...
		" clothes caught fire while passing with a kerosine lamp...	...	...	...	...	...	...	...	...	...	...	...	...	...
		" accidental fall into a quicklime pit	...	...	...	...	...	...	...	...	...	...	...	...	...
		" accidental fall into a dye vat	...	...	...	...	...	...	...	...	...	...	...	...	...
		" saree caught fire while cooking	...	...	...	...	...	...	...	...	...	...	...	...	...
		" and shock caused by an accidental explosion of coal gas ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Scalds, "handa" of boiling water fell on him while playing ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		" by an accidental fall of boiling water over him while being poured from a kotelo into a cup	...	...	...	...	...	...	...	...	...	...	...	...	...
		Burns caused by upsetting of kerosine oil lamp, accidental ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		" clothes caught fire while working into a condensor on board the S. S. "King Arthur"	...	...	...	...	...	...	...	...	...	...	...	...	...
	874	Effects of Cold	...	...	...	...	...	...	...	...	...	...	...	...	...
	878	Multiple injury run over by a carriage, accidental...	...	...	...	...	...	...	...	1	...	...	...	...	1
		" thrown out of a carriage which he was driving, accidental	1	...	...	...	...	...	...	...	...	...	...	...	1
		" crushed under a steam boiler, accidental	1	...	...	...	...	...	...	...	...	...	...	...	1
		" run over by a railway train, accidental	...	...	1	...	...	...	...	...	...	...	...	...	1
		" by a railway accident on his head	1	...	...	...	...	...	...	1	...	...	...	1	3
		" by an accidental fall on his head	...	...	...	...	...	...	...	...	...	...	...	...	...
		" the result of an accidental fall	...	...	...	...	...	...	...	...	...	...	...	...	...
		" fall from a 1st floor of a house, accidental	...	...	...	...	...	...	1	...	1	...	...	...	2
			9	2	5	2	3	1	2	3	2	1	3	2	35

General Injuries—contd.

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General Injuries—contd.

† No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Multiple injuries, kicked by a bullock, accidental	...	...	...	...	...	...	...	...	...	...	...	1	1
	" caused by an explosion, accidental	...	...	...	...	...	...	...	...	...	...	...	1	1
	" caused by an accidental fall	...	...	...	...	...	...	...	...	...	...	...	...	...
	" accidental fall into a gully while under the influence of liquor	...	...	...	...	...	...	1	...	...	...	...	...	1
	" fall into the hold of a ship, accidental	...	...	...	...	...	...	...	...	...	...	...	1	1
	" and rupture of liver and internal hæmorrhage, knocked down and run over by a Victoria, accidental	...	...	...	...	...	...	...	...	...	...	...	...	...
879	Suffocation from drowning in a hot water tank of a mill, accidental	1	...	...	...	...	...	...	...	...	...	...	...	1
	" drowning in Monumuk tank, accidental	2	...	...	...	...	...	...	...	...	...	...	...	2
	" drowning in a tank, accidental	2	...	1	...	...	...	...	...	...	...	...	...	3
	" " suicidal	...	...	...	2	1	3	1	2	1	2	1	...	13
	" Queen Mill tank, Parel, accidental, ...	...	...	...	...	...	...	2	2	...	...	...	...	4
	" found floating in a tank, circumstances unknown	...	...	...	1	1	...	...	...	1	...	...	1	4
	" drowning in the Britannia Mill tank, circumstances unknown	...	...	...	...	1	...	...	1	...	...	...	...	2
	" drowning in hot water tank of the Star of India Mill, suicidal	...	...	...	...	...	...	...	...	...	...	...	...	...
	" in old Bhobi Ghaut off Ripon Road, suicidal... ...	...	...	...	...	1	...	...	...	1	...	...	...	2
	" circumstances unknown	...	...	...	...	...	...	...	...	...	...	...	...	...
	" drowning in a storm water drain at Worli, accidental	...	1	...	...	...	...	...	...	...	...	...	...	1
	" drowning in a quarry hole, accidental	...	...	...	...	...	...	...	...	...	2	...	...	2
	" " under the delirium of plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	" found floating in a quarry hole, circumstances unknown ...	...	...	...	1	...	...	...	...	...	...	...	...	1
	" in a quarry, suicidal	...	...	...	...	1	...	...	...	...	1	...	...	2
	" drowning in a tub of water in a string factory at Duncan Road, accidental	...	...	...	...	...	...	...	...	...	...	...	...	...
	" drowning in a well, suicidal	...	2	2	...	...	2	2	1	...	2	1	2	14
	" " a well accidental	1	1	...	...	...	1	1	...	...	1	2	3	10
	" " circumstances unknown	...	1	...	...	1	...	...	...	...	...	...	...	2
	" while in the delirium of plague, suicidal ...	...	...	...	1	...	1	...	...	...	...	...	...	2
	" Victoria Basin, accidental	...	...	...	...	...	...	...	2	...	...	...	...	2
	" the sea, accidental	2	...	...	1	...	...	1	...	...	...	...	...	4
	" suicidal	...	...	1	...	2	...	...	...	1	1	...	...	5
	" unknown	...	...	...	...	...	1	...	...	1	...	1	...	3
	" Stone Bunder, accidental...	...	...	...	...	...	...	1	...	...	...	...	...	1
	" the sea at Apollo Bunder	...	...	...	...	...	...	...	...	...	...	...	...	...
	" Prince's Dock, circumstances unknown	...	...	...	...	...	...	...	...	...	...	...	...	...
	" Kennedy Sea Face, accidental	...	...	...	...	...	...	...	...	1	...	...	...	1
	" Prince's Dock, accidental...	...	...	...	...	...	...	...	...	...	...	...	...	...
	" Judicial strangulation	...	2	...	1	...	...	...	...	...	...	...	1	4
	Strangulation, homicidal	1	...	...	...	...	...	...	...	...	...	...	...	1
	Plugging of air passage with vomited matter	...	...	...	...	...	...	...	...	...	...	...	...	...
	caused by an accidental fall of a bucket on them	...	1	...	...	...	...	...	...	...	...	...	...	1
	caused by plunging with a rope, suicidal	...	...	...	...	...	...	...	...	...	...	...	...	...
	plugging of air passage with cloth plug, homicidal	...	...	...	...	...	...	...	...	...	...	...	...	...
		4	8	4	5	6	8	6	6	4	8	5	8	72

| General Injuries. | Local Injuries. | | |

Local Injuries—(contd.)

No. in the Nomenclature of Diseases	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Injuries of the Head and Face.													
	Threw himself in front of a moving train at Chanel Road	1												1
	Semi-fatal rupture of both middle Meningeal Arteries, fall from the 1st storey of a house, accidental			1										1
	Cerebral hæmorrhage due to an accidental fall						1							1
	Cerebral hæmorrhage, circumstances unknown													
928	Fracture of skull and cerebral hæmorrhage, circumstances unknown													
	caused by blows inflicted on him with soda-water bottle, homicidal													
	struck by a stone while blasting in a quarry, accidental													
	threw himself from the 2nd storey of a chawl, suicidal													
	fall from the verandah on the 2nd storey of a house, accidental													
	Head covered from his body by allowing a railway train to pass on him, suicidal													
	Fracture of skull, fall from a house, accidental													
	fall from the 3rd storey, accidental													
	thrust caught in the wheel of the shafting of the mill													
	fall on head from beam falling on his head while working													
	fall over a step, accidental													
	bale of paper fell on him, accidental													
	fall of a book of a chain, accidental													
	caused by an accidental fall from a staircase while under the influence of liquor													
	and compression of brain, circumstances unknown													
	jumped out of a window on the 1st storey of a house, suicidal													
	how caused not known													
	fall down a staircase, accidental													
	caused by an accidental fall													
	accidental fall from the window on the 2nd storey of a house													
	knocked down by a railway engine, accidental													
929	Concussion of the brain, fall from a 1st storey of a house, a height of 15 feet, accidental													
	fall from a height of 25 feet, accidental													
	knocked down by a cycle, accidental													
	and compound fracture of skull, fall from a distance of 25 feet while taking down scaffolding													
	Multiple fractures of skull caused by an accidental fall on the rock													
	of the bones of face and shock, threw himself from the 2nd storey of Mahar Ravdi Police Station													
	Concussion of brain due to an accidental fall into the Dock													
	Injuries to his head, knocked down by a rickshaw, accidental													
	Fracture of a skull, accidental fall from the roof of a four-storeyed house													
	caused by iron ball striking him, accidental													

| | | |

	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Injuries—(contd.)		*Injuries of the Abdomen*—contd.													
		Hæmorrhage, stabbed herself with a knife, suicidal	...	...	...	...	1	...	...	...	...	...	...	...	1
		Penetrating fracture of ribs, fall of a portion of house on him, accidental ...	...	...	...	...	...	1	...	...	...	...	...	...	1
		,, wound of abdomen, suicidal	...	...	...	...	...	1	...	...	...	...	...	...	1
		Wound of parietes penetrating of wound viscera caused by an accidental fall	...	...	...	...	...	1	...	...	...	...	...	...	1
		Stab wounds and hæmorrhage inflicted by one Gopal Bajee, culpable homicide amounting to murder	...	...	...	...	...	...	1	...	...	...	...	...	1
		Simple fractures of ribs, collided between two boats, accidental	...	...	...	...	...	...	1	...	...	...	...	...	1
		Injuries of the pelvis and organs of generation	...	...	...	1	...	...	...	...	...	...	...	...	1
		Fracture of pelvis caused by being knocked down and run over by a victoria, accidental	...	...	...	1	...	...	...	...	...	...	...	...	1
		Rupture of some internal organ caused by an anchor striking against his chest	...	...	...	...	...	...	...	...	1	...	...	...	1
		Rupture of bowel caused by a kick when passing behind a horse	...	...	...	...	...	...	...	...	...	1	...	...	1
		Rupture of spleen and hæmorrhage caused by a blow of the fist—culpable homicide amounting to murder	...	...	...	...	...	...	...	1	...	...	...	...	1
		Rupture of liver and hæmorrhage due to an accidental fall on the road ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		Internal injuries, knocked down and run over by a bullock cart, accidental ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		Internal abdominal injuries, fall from a cart, accidental	...	...	...	...	...	...	...	...	...	1	1	...	2
		Penetrating wound of the abdomen, hæmorrhage and shock by an accidental fall in child-birth	...	...	...	...	...	...	...	...	...	1	...	...	1
		Rupture of spleen and hæmorrhage caused by an accidental fall	...	...	...	...	...	...	...	...	...	2	...	...	2
		Rupture of liver, knocked down and run over by a victoria	...	...	...	...	...	...	...	...	...	...	...	1	1
		Rupture of spleen caused by blows of bamboo stick, the act being voluntarily causing grievous hurt	...	...	...	...	...	...	...	...	...	...	...	1	1
		Fracture of ribs, knocked down by a carriage, accidental	...	...	...	...	...	...	...	...	...	...	...	1	1
		Peritonitis following abdominal injuries caused by his being run over by a carriage, accidental	...	...	...	...	...	...	...	...	...	...	...	1	1

Local Injuries.—(*contd.*)

		Injuries of the Upper Extremities.																
	1631	Fracture of the bones of the forearm and exhaustion caused by being knocked down and run over by a horse in a victoria	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Injuries of the Lower Extremities.																
	1043	Fracture of femur, knocked down by a passing cart, accidental	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
	1044	Fracture of tibia, run over by a victoria, accidental	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ leg caused by the wheel of a cart passing on it, accidental ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ the neck of the right femur, the result of a push given to him ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ leg, accidental fall into a gutter	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
		„ „ fall from a cocoanut tree, accidental	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Contused lacerated wound of foot and amputation of leg, run over by a train, accidental	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	1043	Fracture of femur caused by the branch of a tree on which he had climbed giving way and fell at a distance of 20 feet	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Compound fracture of knee-joint, cause not known	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Lacerated wound of left leg, result of a carriage wheel accidentally run over him	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Injury to the left foot, how caused not known	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Fracture of femur caused by an accidental fall from a height of 20 feet ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Injuries, laceration of foot, cause not known	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Effects of wound on right leg caused by the piercing in of the sharp end of a piece of wood while he had a fall in a pit, accidental...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
		Gangrene of leg and internal injuries, threw herself from the window on the 2nd storey of a house, suicidal	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
		Gangrene, foot injuries sustained by his own carelessness	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
		Shock from haemorrhage due to compound fracture of the right thigh, knocked down by a tram car, accidental	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Shock following compound comminuted fracture of femur caused by an accidental explosive of explosion ball	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
		Rupture of tibia, knocked down by a bullock reckla, accidental	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1

	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Poisons.		POISONS.													
		Metals and their Salts.													
	2	Arsenic poisoning, circumstances unknown	1												1
		„ „ suicidal						2	1						3
	8	Lead—													
		d lead cachexia	1												1
		Organic substances.													
	2	Alcohol			1										1
		Vegetable poisons.													
	32	Opium poisoning, suicidal	3	1		1	1	5	4	4	1	2	2	4	28
		„ „ accidental		1										1	2
		(*a*) Morphine while temporarily insane, suicidal												1	1
		Organic substances.													
	5	Carbolic Acid										1			1
	9	Hydrocyanic Acid									1				1
		Irritant Drugs.													
		Irritant poisoning, suicidal						1	1						2
		Poisoned Wounds.													
		(*a*) Inflicted by venomous animals—													
		1 Snake-bite							1						1

DEATHS at different Ages amongst JAINS during the Year beginning 1st January 1903.

| | | FEMALES. | | | | | | | | | | | | | | | | | | | | | | | | | | | | PERSONS. | | | | | | | | | | | | | | | | | | |

CAUSES of DEATHS at different Ages amongst JAINS during the Year beginning 1st January 1903.

| | | MALES. | | |

VI.

CAUSES of DEATHS at different Ages amongst BRAHMINS during the Year beginning 1st January 1903.

| | | MALES. | | |

CAUSES of DEATHS at different Ages amongst LINGAITS during the Year beginning 1st January 1903.

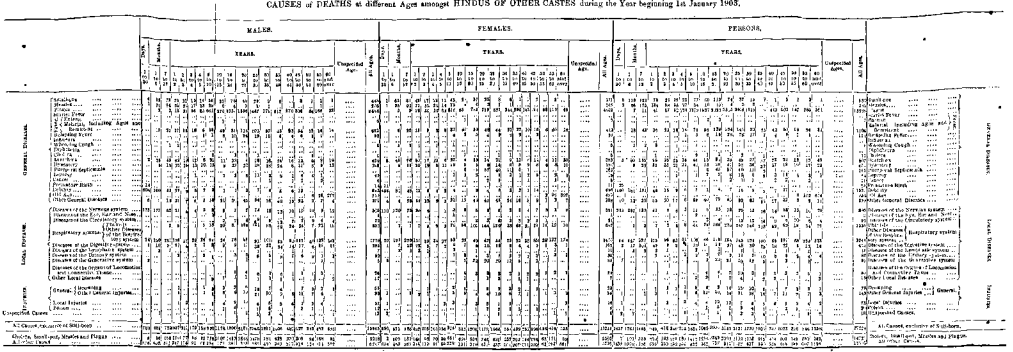
| | | MALES. | | |

VIII.

CAUSES of DEATHS at different Ages amongst BHATIAS during the Year beginning 1st January 1903.

| | | MALES. | | |

CAUSES of DEATHS at different Ages amongst HINDUS OF OTHER CASTES during the Year beginning 1st January 1903.



CAUSES of DEATHS at different Ages amongst HINDUS LOW-CASTE, during the Year beginning 1st January 1903.

| | MALES. | | |

CAUSES of DEATHS at different Ages amongst MUSSULMANS during the Year beginning 1st January 1903.

| | MALES. | | |

CAUSES of DEATHS at different Ages amongst PARSEES during the Year beginning 1st January 1903.

| | | MALES. | | |

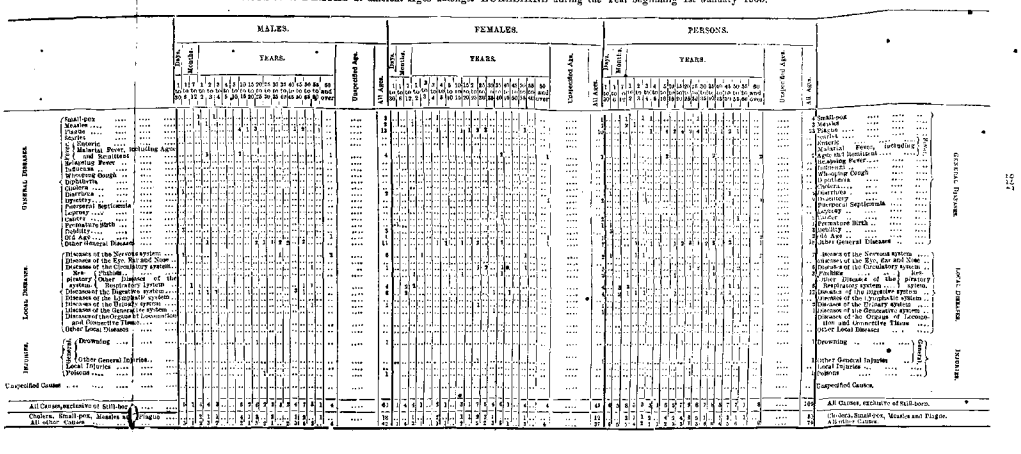
CAUSES of DEATHS at different Ages amongst JEWS during the Year beginning 1st January 1903.

| | | MALES. | | |

CAUSES of DEATHS at different Ages amongst NATIVE CHRISTIANS during the Year beginning 1st January 1903.

| | | MALES. | | |

CAUSES of DEATHS at different Ages amongst EURASIANS during the Year beginning 1st January 1903.


MALES.
FEMALES.
PERSONS.
Under 1 Year.
1 Month.
1 to 12 Months.
YEARS.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 and over
Unspecified Ages.
All Ages.
GENERAL DISEASES.
Small-pox
Measles
Fevers
Scurvy
Enteric
Malarial Fevers, including Ague and Remittent
Relapsing Fever
Influenza
Whooping Cough
Diphtheria
Cholera
Diarrhœa
Dysentery
Puerperal Septicæmia
Leprosy
Rabies
Premature Birth
Debility
Old Age
Other General Diseases
LOCAL DISEASES.
Diseases of the Nervous system
Diseases of the Eye, Ear and Nose
Diseases of the Circulatory system
Fatal Injuries
Violence
Primary Other Diseases of the system
Respiratory System
Diseases of the Digestive system
Diseases of the Lymphatic system
Diseases of the Urinary system
Diseases of the Organs of Generation
Diseases of the Organs of Locomotion and Connective Tissue
Other Local Diseases
INJURIES.
Violence
Primary
Drowning
Other General Injuries
Local Injuries
Poisons
Suicides
Unspecified Causes
All Causes, exclusive of Still-born
Cholera, Small-pox, Measles and Plague
All other Causes

CAUSES of DEATHS at different Ages amongst EUROPEANS during the Year beginning 1st January 1903.

| | | MALES. | | |

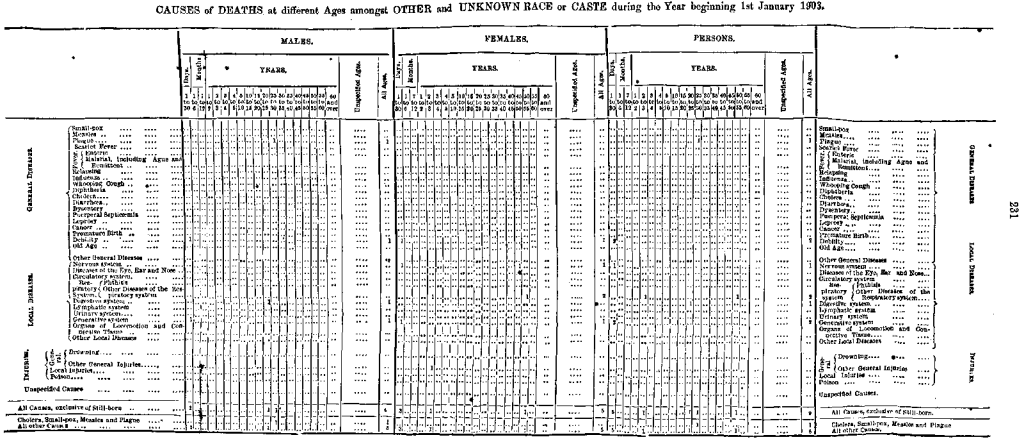
CAUSES of DEATHS at different Ages amongst NEGRO-AFRICANS during the Year beginning 1st January 1903.

| | | MALES. | | |

CAUSES of DEATHS at different Ages amongst BUDDHISTS during the Year beginning 1st January 1903.

| | | MALES. | | |

CAUSES of DEATHS at different Ages amongst OTHER and UNKNOWN RACE or CASTE during the Year beginning 1st January 1903.



XX.

CAUSES of DEATHS at different Ages amongst ALL RACES and CASTES during the Year beginning 1st January 1903.

MALES.

Causes.	Under 1 Year.	1 — 5	5 — 10	10 — 15	15 — 20	20 — 25	25 — 30	30 — 35	35 — 40	40 — 45	45 — 50	50 — 55	55 — 60	60 — 65	65 — 70	70 — 75	75 — 80	80 — 85	85 — 90	90 — 95	95 — 100	100 and upwards	Unspecified ages.	All ages.
Fevers (Principal or Typhus)	1	1																					2
Fevers (Malarial)	1	1																					2
Fevers (Enteric or Typhoid)																							
Fevers (Continued, Simple, Synocha, &c.)																							
Fevers (Undefined)																							
Erysipelas																							
Smallpox																							
Chicken-pox																							
Measles																							
Scarlatina																							
Whooping-Cough																							
Diphtheria																							
Croup																							
Influenza																							
Cholera																							
Diarrhœa																							
Dysentery (Bacillary)																							
Dysentery (Amœbic)																							
Dysentery (Not specified)																							
Hydrophobia																							
Syphilis																							
Other Venereal Diseases																							
Rheumatism																							
Rheumatic Fever																							
Scurvy																							
Beri-beri																							
Alcoholism																							
Cancer, Malignant Disease																							
Tumours (Innocent)																							
Bronchitis																							
Pneumonia																							
Pleurisy																							
Congestion of Lungs																							
Other Diseases of Respiratory System																							
Diseases of the Teeth																							
Diseases of the Stomach																							
Diseases of the Liver																							
Diseases of the Intestines																							
Diseases of the Peritoneum																							
Diseases of the Urinary System																							
Diseases of the Generative System																							
Childbirth																							
Abortion																							
Diseases of Pregnancy																							
Diseases of Infancy																							
Diseases of Old Age																							
Other Diseases of Nervous System																							
Other Diseases of Circulatory System																							
Other Diseases of Locomotive System																							
Other Diseases of Integumentary System																							
Other Diseases																							
Local Diseases																							
Violence (Accidental)																							
Violence (Suicide)																							
Violence (Homicide)																							
Violence (Execution)																							
Violence (Not specified)																							
Other Violent Deaths																							
Other Violent Causes																							
Other Deaths																							
Unspecified Causes																							
All Causes, exclusive of Still-births																							
Cholera, Small-pox, Measles and Fevers																							
Accident further on																							

FEMALES.

Causes.	Under 1 Year.	1 — 5	5 — 10	10 — 15	15 — 20	20 — 25	25 — 30	30 — 35	35 — 40	40 — 45	45 — 50	50 — 55	55 — 60	60 — 65	65 — 70	70 — 75	75 — 80	80 — 85	85 — 90	90 — 95	95 — 100	100 and upwards	Unspecified ages.	All ages.
Fevers (Principal or Typhus)																							
Fevers (Malarial)																							
Fevers (Enteric or Typhoid)																							
Fevers (Continued, Simple, Synocha, &c.)																							
Fevers (Undefined)																							
Erysipelas																							
Smallpox																							
Chicken-pox																							
Measles																							
Scarlatina																							
Whooping-Cough																							
Diphtheria																							
Croup																							
Influenza																							
Cholera																							
Diarrhœa																							
Dysentery (Bacillary)																							
Dysentery (Amœbic)																							
Dysentery (Not specified)																							
Hydrophobia																							
Syphilis																							
Other Venereal Diseases																							
Rheumatism																							
Rheumatic Fever																							
Scurvy																							
Beri-beri																							
Alcoholism																							
Cancer, Malignant Disease																							
Tumours (Innocent)																							
Bronchitis																							
Pneumonia																							
Pleurisy																							
Congestion of Lungs																							
Other Diseases of Respiratory System																							
Diseases of the Teeth																							
Diseases of the Stomach																							
Diseases of the Liver																							
Diseases of the Intestines																							
Diseases of the Peritoneum																							
Diseases of the Urinary System																							
Diseases of the Generative System																							
Childbirth																							
Abortion																							
Diseases of Pregnancy																							
Diseases of Infancy																							
Diseases of Old Age																							
Other Diseases of Nervous System																							
Other Diseases of Circulatory System																							
Other Diseases of Locomotive System																							
Other Diseases of Integumentary System																							
Other Diseases																							
Local Diseases																							
Violence (Accidental)																							
Violence (Suicide)																							
Violence (Homicide)																							
Violence (Execution)																							
Violence (Not specified)																							
Other Violent Deaths																							
Other Violent Causes																							
Other Deaths																							
Unspecified Causes																							
All Causes, exclusive of Still-births																							
Cholera, Small-pox, Measles and Fevers																							
Accident further on																							

PERSONS.

Causes.	Under 1 Year.	1 — 5	5 — 10	10 — 15	15 — 20	20 — 25	25 — 30	30 — 35	35 — 40	40 — 45	45 — 50	50 — 55	55 — 60	60 — 65	65 — 70	70 — 75	75 — 80	80 — 85	85 — 90	90 — 95	95 — 100	100 and upwards	Unspecified ages.	All ages.
Fevers (Principal or Typhus)	1	1																					2
Fevers (Malarial)	1	1																					2
Fevers (Enteric or Typhoid)																							
Fevers (Continued, Simple, Synocha, &c.)																							
Fevers (Undefined)																							
Erysipelas																							
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Cholera																							
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Dysentery (Bacillary)																							
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Other Venereal Diseases																							
Rheumatism																							
Rheumatic Fever																							
Scurvy																							
Beri-beri																							
Alcoholism																							
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Bronchitis																							
Pneumonia																							
Pleurisy																							
Congestion of Lungs																							
Other Diseases of Respiratory System																							
Diseases of the Teeth																							
Diseases of the Stomach																							
Diseases of the Liver																							
Diseases of the Intestines																							
Diseases of the Peritoneum																							
Diseases of the Urinary System																							
Diseases of the Generative System																							
Childbirth																							
Abortion																							
Diseases of Pregnancy																							
Diseases of Infancy																							
Diseases of Old Age																							
Other Diseases of Nervous System																							
Other Diseases of Circulatory System																							
Other Diseases of Locomotive System																							
Other Diseases of Integumentary System																							
Other Diseases																							
Local Diseases																							
Violence (Accidental)																							
Violence (Suicide)																							
Violence (Homicide)																							
Violence (Execution)																							
Violence (Not specified)																							
Other Violent Deaths																							
Other Violent Causes																							
Other Deaths																							
Unspecified Causes																							
All Causes, exclusive of Still-births																							
Cholera, Small-pox, Measles and Fevers																							
Accident further on																							

DEATHS from different CAUSES in different Months arranged in Quarters for the Year beginning 1st January 1903.

CAUSES OF DEATHS.	MALES.													FEMALES.													PERSONS.												
	1st QUARTER.			2ND QUARTER.			3RD QUARTER.			4TH QUARTER.			Total Deaths of Males in Year.	1st QUARTER.			2ND QUARTER.			3RD QUARTER.			4TH QUARTER.			Total Deaths of Females in Year.	1st QUARTER.			2ND QUARTER.			3RD QUARTER.			4TH QUARTER.			Grand Total.	
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
Small-pox	4	1	10	15	5	6	1	12	2	1	1	4	1	1	1	3	34	1	1	3	5	1	1	2	1	1	1	3	1	1	1	3	13	5	4	22	7	7	2	16	3	2	2	7	1	2	3	6	57	Small-pox
Measles	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	Measles
Plague	1	2	3	6	1	1	1	3	1	1	1	3	1	1	1	3	15	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	Plague
Scarlet Fever, Erysipelas, Membranous Croup and Diphtheria	3	2	3	8	2	1	1	4	1	1	1	3	1	1	1	3	18	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	4	3	18	3	2	2	7	2	2	2	6	2	2	2	6	36	Scarlet Fever, Erysipelas, Membranous Croup and Diphtheria
Typhus, Simple, Continued, Intermittent, Remittent and Enteric or Typhoid	2	1	1	4	1	1	1	3	1	1	1	3	1	1	1	3	13	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	7	2	2	2	6	2	2	2	6	2	2	2	6	24	Typhus, Simple, Continued, Intermittent, Remittent and Enteric or Typhoid
Influenza	10	11	12	33	8	6	5	19	4	3	3	10	3	3	3	9	71	3	3	3	9	3	3	6	3	3	3	9	3	3	3	9	33	13	14	15	42	11	9	8	28	7	6	6	19	5	6	6	17	104	Influenza
Rheumatic Fever	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	Rheumatic Fever
Diphtheria	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	Diphtheria
Cholera	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	Cholera
Diarrhœa	150	65	70	285	50	20	20	90	15	10	10	35	10	10	10	30	440	150	65	70	285	50	20	20	90	15	10	10	35	10	10	10	30	440	300	130	140	570	100	40	40	180	30	20	20	70	20	20	20	60	880	Diarrhœa
Dysentery	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	Dysentery
Puerperal Septicæmia	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	Puerperal Septicæmia
Leprosy	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	Leprosy
Cancer	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	Cancer
Premature Birth (Debility)	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	Premature Birth (Debility)
Old Age	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	Old Age
All other General Diseases	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	All other General Diseases
Diseases of the Nervous System and of the Organs of Special Sense	140	140	130	410	100	80	80	260	90	90	90	270	80	70	80	230	1170	110	110	110	330	90	80	80	250	80	80	80	240	80	80	80	240	1060	250	250	240	740	190	160	160	510	170	170	160	500	160	160	160	480	2230	Diseases of the Nervous System and of the Organs of Special Sense
Diseases of the Circulatory System	30	30	30	90	20	20	20	60	20	20	20	60	20	20	20	60	270	30	30	30	90	20	20	20	60	20	20	20	60	20	20	20	60	270	60	60	60	180	40	40	40	120	40	40	40	120	40	40	40	120	540	Diseases of the Circulatory System
Respiratory System	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	12,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	12,000	2,000	2,000	2,000	6,000	2,000	2,000	2,000	6,000	2,000	2,000	2,000	6,000	2,000	2,000	2,000	6,000	24,000	Diseases of the Respiratory System
Diseases of the Digestive System	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	12,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	12,000	2,000	2,000	2,000	6,000	2,000	2,000	2,000	6,000	2,000	2,000	2,000	6,000	2,000	2,000	2,000	6,000	24,000	Diseases of the Digestive System
Diseases of the Urinary System and of the Organs of Generation	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	12,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	1,000	1,000	1,000	3,000	12,000	2,000	2,000	2,000	6,000	2,000	2,000	2,000	6,000	2,000	2,000	2,000	6,000	2,000	2,000	2,000	6,000	24,000	Diseases of the Urinary System and of the Organs of Generation
Diseases of the Organs of Locomotion and Connective Tissue	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	20	20	20	60	20	20	20	60	20	20	20	60	20	20	20	60	240	Diseases of the Organs of Locomotion and Connective Tissue
Other Local Diseases	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	3	12	1	1	1	3	1	1	2	1	1	1	3	1	1	1	3	11	2	2	6	2	2	2	6	2	2	2	6	2	2	2	6	23	Other Local Diseases
Fever (Decreasing)	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	20	20	20	60	20	20	20	60	20	20	20	60	20	20	20	60	240	Fever (Decreasing)
Other Accidental Injuries	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	20	20	20	60	20	20	20	60	20	20	20	60	20	20	20	60	240	Other Accidental Injuries
Violence	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	20	20	20	60	20	20	20	60	20	20	20	60	20	20	20	60	240	Violence
Local Injuries	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	20	20	20	60	20	20	20	60	20	20	20	60	20	20	20	60	240	Local Injuries
Violence	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	20	20	20	60	20	20	20	60	20	20	20	60	20	20	20	60	240	Violence
Unspecified Causes	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	10	10	10	30	10	10	10	30	10	10	10	30	10	10	10	30	120	20	20	20	60	20	20	20	60	20	20	20	60	20	20	20	60	240	Unspecified Causes
Total	3,614	3,000	3,440	12,054	3,319	2,712	2,316	8,347	2,358	2,108	2,128	6,594	2,229	2,060	2,202	6,491	33,486	3,729	3,097	3,247	10,073	3,197	2,744	2,379	8,320	2,387	2,142	2,162	6,691	2,229	2,060	2,202	6,491	31,575	7,343	6,097	6,687	20,127	6,516	5,456	4,695	16,667	4,745	4,250	4,330	13,325	4,458	4,200	4,362	12,982	65,061	Total
Cholera, Small-pox, Measles and Plague	1,018	1,003	1,016	3,037	1,016	1,008	1,008	3,032	1,008	1,008	1,008	3,024	1,008	1,008	1,008	3,024	12,117	1,018	1,003	1,016	3,037	1,016	1,008	1,008	3,032	1,008	1,008	1,008	3,024	1,008	1,008	1,008	3,024	12,117	2,036	2,006	2,032	6,074	2,032	2,016	2,016	6,064	2,016	2,016	2,016	6,048	2,016	2,016	2,016	6,048	24,234	Cholera, Small-pox, Measles and Plague,
All other Causes	2,596	1,997	2,424	7,017	2,303	1,704	1,308	5,315	1,350	1,100	1,120	3,570	1,221	1,052	1,194	3,467	19,369	2,711	2,094	2,231	7,036	2,181	1,736	1,371	5,288	1,379	1,134	1,154	3,667	1,221	1,052	1,194	3,467	19,458	5,307	4,091	4,655	14,053	4,484	3,440	2,687	10,611	2,737	2,242	2,322	7,301	2,437	2,184	2,346	6,967	39,032	All other Causes
Still-born	94	78	98	270	93	76	64	233	74	68	70	212	71	74	80	225	940	71	74	80	225	71	74	80	225	71	74	80	225	71	74	80	225	940	165	152	178	495	164	150	144	458	145	148	144	437	142	148	160	450	1,880	Still-born

CAUSES OF DEATHS.	MALES.													FEMALES.													PERSONS.												
	1st QUARTER.			2ND QUARTER.			3RD QUARTER.			4TH QUARTER.			Total Deaths of Males in Year.	1st QUARTER.			2ND QUARTER.			3RD QUARTER.			4TH QUARTER.			Total Deaths of Females in Year.	1st QUARTER.			2ND QUARTER.			3RD QUARTER.			4TH QUARTER.			Grand Total.	
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	

DEATHS at different AGES in different MONTHS in Quarters for the Year beginning 1st January 1903.

MALES.

MONTHS.	AGES. Days. 1 to 30	Months. 1 to 6	Months. 7 to 12	Years. 1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 and over	Unspecified Ages.	All Ages, exclusive of Still-born.	Still-born.	Total.	MONTHS.
January	150	156	175	187	66	53	35	149	179	268	331	265	187	167	197	126	46	117	179	...	2,894	84	2,978	January.
February	132	136	175	132	50	42	46	133	205	508	542	494	274	221	117	164	64	134	205	...	4,004	79	4,083	February.
March	139	188	197	161	69	55	62	569	456	673	790	719	409	367	158	194	75	161	221	...	6,443	88	6,531	March.
Quarter, 1st ...	411	500	547	420	185	150	143	751	940	1,449	1,663	1,479	870	775	382	484	185	402	605	...	12,341	251	12,592	Quarter, 1st.
April	114	192	194	115	47	61	47	349	538	624	742	692	347	329	150	192	68	167	195	...	5,137	97	5,234	April.
May	90	118	130	74	43	26	22	114	117	208	238	290	152	148	76	96	36	72	89	...	2,198	85	2,283	May.
June	106	110	110	84	27	15	14	57	80	138	149	149	85	106	84	71	23	66	90	...	1,504	84	1,588	June.
Quarter, 2nd ...	310	420	434	273	117	102	83	520	735	974	1,129	1,131	584	583	309	359	127	305	374	...	8,769	266	9,035	Quarter, 2nd.
July	115	113	129	64	16	8	12	48	68	99	131	105	70	71	55	41	19	41	84	...	1,380	78	1,458	July.
August	136	117	92	64	12	12	7	42	41	103	144	126	81	88	39	58	24	41	107	...	1,381	94	1,428	August.
September	148	87	76	46	30	6	14	36	50	90	124	140	79	90	58	57	26	42	77	...	1,271	115	1,386	September.
Quarter, 3rd ...	399	317	297	174	58	26	33	126	159	292	399	373	230	249	147	156	69	124	268	...	3,885	287	4,172	Quarter, 3rd.
October	147	84	79	39	24	18	8	34	86	89	99	123	82	60	54	51	28	38	99	...	1,269	97	1,366	October.
November	169	87	89	60	30	14	9	33	41	87	86	113	79	89	42	58	43	53	98	...	1,234	76	1,310	November.
December	174	101	87	59	18	13	16	38	51	88	118	146	106	103	54	87	35	73	126	...	1,496	93	1,589	December.
Quarter, 4th ...	490	252	246	158	62	45	33	104	128	264	303	382	267	251	150	191	105	189	319	...	3,999	266	4,265	Quarter, 4th.

FEMALES.

January	132	133	169	140	46	26	30	144	138	196	179	150	82	90	41	68	29	88	133	...	2,065	61	2,126	January.
February	80	116	158	139	70	55	44	223	224	275	265	213	125	140	61	85	53	92	218	...	2,518	63	2,581	February.
March	97	166	179	133	75	51	54	377	373	483	387	345	195	197	88	133	50	153	220	...	3,765	59	3,764	March.
Quarter, 1st ...	309	415	496	403	191	132	128	719	735	904	831	708	402	427	190	299	105	333	571	...	8,388	183	8,571	Quarter, 1st.
April	100	181	186	122	79	53	53	368	335	479	395	357	201	164	95	146	51	149	224	...	3,679	66	3,745	April.
May	83	188	157	97	32	36	24	138	122	188	171	166	79	87	38	61	17	64	126	...	1,818	54	1,872	May.
June	85	113	120	75	23	13	11	58	83	118	117	115	62	44	26	45	21	41	88	...	1,283	47	1,330	June.
Quarter, 2nd ...	268	427	473	294	125	102	88	564	540	785	683	667	342	295	159	252	89	254	438	...	6,780	167	6,947	Quarter, 2nd.

July	91	95	143	59	18	20	10	44	66	107	90	85	44	38	21	38	9	38	105	1	1,122	61	1,183	July.
August	106	83	103	60	22	10	15	51	61	101	95	84	51	42	17	41	11	41	82	...	1,070	61	1,131	August.
September	130	71	95	47	21	10	7	52	49	97	97	94	34	48	22	25	15	29	82	...	1,025	73	1,098	September.
Quarter, 3rd ...	321	249	341	166	61	40	32	147	176	305	282	263	129	128	60	104	35	108	269	1	3,217	195	3,412	Quarter, 3rd.
October	118	76	63	51	12	10	15	36	63	103	126	98	36	42	21	38	17	41	101	...	1,067	71	1,138	October.
November	103	77	73	51	15	12	3	35	48	87	102	77	43	39	19	27	20	59	90	...	980	76	1,056	November.
December	128	91	77	51	17	9	17	54	60	84	89	94	39	50	26	49	16	55	141	...	1,147	56	1,203	December.
Quarter, 4th ...	349	244	213	153	44	31	35	125	171	274	317	269	118	131	66	114	53	155	332	...	3,194	203	3,397	Quarter, 4th.

PERSONS.

January	283	289	344	277	112	79	65	293	317	464	510	416	269	257	148	194	66	205	372	...	4,959	145	5,104	January.
February	202	272	323	262	120	97	90	461	519	785	807	707	399	391	178	263	99	226	423	...	6,622	142	6,764	February.
March	286	354	376	284	144	106	116	746	839	1,106	1,177	1,064	604	554	246	326	125	304	441	...	9,148	147	9,295	March.
Quarter, 1st ...	720	915	1,043	823	376	282	271	1,500	1,675	2,355	2,494	2,187	1,272	1,202	572	783	290	735	1,236	...	20,729	434	21,163	Quarter, 1st.
April	214	373	380	237	117	114	100	717	843	1,057	1,137	1,049	548	493	245	338	119	316	419	...	8,816	163	8,979	April.
May	173	251	287	171	75	62	46	252	239	396	409	475	231	235	113	157	53	136	215	...	3,976	139	4,115	May.
June	191	223	230	159	50	28	25	115	163	256	266	264	147	150	60	116	44	97	173	...	2,757	131	2,888	June.
Quarter, 2nd ...	578	847	897	567	242	204	171	1,084	1,245	1,709	1,812	1,788	926	878	418	611	216	549	807	...	15,549	433	15,982	Quarter, 2nd.
July	206	208	272	123	34	28	22	92	134	206	211	191	114	109	76	79	28	79	189	1	2,402	139	2,541	July.
August	236	200	195	124	34	22	22	93	102	204	239	210	132	130	56	99	35	82	189	...	2,404	155	2,559	August.
September	278	158	171	93	51	16	21	88	99	187	221	234	113	138	75	82	41	71	159	...	2,296	188	2,484	September.
Quarter, 3rd ...	720	566	638	340	119	66	65	273	335	597	671	635	359	377	207	260	104	232	537	1	7,102	482	7,584	Quarter, 3rd.
October	265	160	142	90	36	38	23	70	99	192	235	221	118	102	75	89	45	99	197	...	2,276	168	2,444	October.
November	272	144	153	111	35	26	12	67	89	174	188	190	122	128	61	80	62	112	188	...	2,214	152	2,366	November.
December	302	192	164	110	35	22	33	93	111	172	207	240	145	152	80	136	51	133	266	...	2,643	149	2,792	December.
Quarter, 4th ...	839	496	459	311	106	76	68	229	299	538	630	651	385	382	216	305	158	344	651	...	7,133	469	7,602	Quarter, 4th.
Year...	2,857	2,824	3,037	2,041	843	628	575	3,086	3,554	5,197	5,597	5,261	2,942	2,839	1,413	1,959	768	1,860	3,231	1	50,513	1,818	52,331	Year.

Months.	1 to 30 Days.	1 to 6 Months.	7 to 12 Months.	1 to 2 Years.	2 to 3 Years.	3 to 4 Years.	4 to 5 Years.	5 to 10 Years.	10 to 15 Years.	15 to 20 Years.	20 to 25 Years.	25 to 30 Years.	30 to 35 Years.	35 to 40 Years.	40 to 45 Years.	45 to 50 Years.	50 to 55 Years.	55 to 60 Years.	60 and over Years.	Unspecified Age.	All Ages, exclusive of Still-born.	Still-born.	Total.	Months.
	AGES.																							

XXIII.

DEATHS at different AGES in different LOCALITIES during the Year beginning 1st January 1903.

Ages	A						B					C						D						E							F				G				Harbour and Docks, Railways and Hospitals.	TOTAL.	Ages.
	1	2	3	4	5	Total.	1	2	3	4	Total.	1	2	3	4	5	6	Total.	1	2	3	4	5	Total.	1	2	3	4	5	6	7	Total.	1	2	3	Total.	1	2	Total.			
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.		Mandvi.	Chuckla.	Umarkhadi.	Dongri.		Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.		Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.		Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.		Parel.	Sewri.	Sion.		Mahim.	Worli.				
Days 1 to 30	6	29	1	72	36	144	100	84	165	146	495	77	86	42	110	94	135	551	87	72	34	37	44	274	118	155	94	144	94	269	3	877	160	31	87	278	77	160	237	1	2857	Days 1 to 30
Months 1 to 6	3	37	..	57	16	113	169	128	223	140	640	81	80	75	93	149	158	636	72	63	17	15	36	203	84	131	106	126	93	265	2	808	119	15	72	206	61	153	214	1	2824	Months 1 to 6
„ 7 to 12	8	41	4	92	17	159	213	116	201	193	723	83	115	74	115	118	128	633	92	62	39	16	47	256	86	81	84	122	93	304	2	772	130	33	73	235	64	197	261	..	2037	„ 7 to 12
Years 1 to 2	6	39	2	53	24	113	87	67	125	107	386	90	74	61	81	81	97	483	75	59	19	15	29	197	63	63	73	84	58	212	5	558	91	12	50	153	46	105	151	..	2041	Years 1 to 2
„ 2 to 3	13	1	..	24	4	42	35	21	64	33	153	32	28	16	27	26	40	169	24	19	11	2	10	66	24	26	34	42	22	98	2	248	36	6	30	72	28	65	93	..	843	„ 2 to 3
„ 3 to 4	19	..	..	14	5	39	23	22	44	28	124	24	18	18	22	27	25	134	17	19	6	8	7	54	28	24	20	16	22	62	..	172	30	4	11	45	15	58	73	..	623	„ 3 to 4
„ 4 to 5	6	..	..	13	5	30	22	12	25	22	108	20	19	12	20	27	24	139	19	8	4	6	11	48	28	17	13	22	15	54	..	149	28	8	20	56	12	39	51	..	575	„ 4 to 5
„ 5 to 10	51	1	3	89	9	153	118	82	169	136	505	68	52	66	125	105	110	526	113	58	31	9	72	281	156	115	81	131	105	348	4	941	164	39	95	302	101	275	376	2	3026	„ 5 to 10
„ 10 to 15	57	2	2	82	20	136	150	127	205	147	629	111	104	83	148	121	130	697	118	91	34	22	83	348	145	116	98	184	73	382	4	1015	202	28	108	338	86	303	389	2	3554	„ 10 to 15
„ 15 to 20	69	7	2	122	36	236	271	185	292	172	920	230	189	146	253	211	232	1261	148	89	42	102	496	169	163	184	229	135	173	5	1308	305	27	107	439	136	389	525	12	5197	„ 15 to 20
„ 20 to 25	95	8	2	129	53	287	258	155	310	236	959	215	204	138	231	183	250	1221	214	165	60	37	144	620	207	217	132	233	169	507	4	1474	252	34	123	409	142	452	594	25	5597	„ 20 to 25
„ 25 to 30	75	8	3	135	47	277	181	122	265	252	820	185	173	134	233	177	282	1119	209	130	54	21	119	333	173	193	150	273	157	503	5	1453	213	40	158	411	144	426	570	28	5231	„ 25 to 30
„ 30 to 35	50	6	2	96	33	190	148	85	182	107	522	107	115	75	157	90	127	671	90	70	35	20	59	274	118	140	54	124	78	246	6	765	140	20	88	248	93	199	292	14	2942	„ 30 to 35
„ 35 to 40	38	3	3	93	23	158	133	95	178	92	498	119	82	59	148	108	125	641	93	59	24	23	64	263	96	135	86	125	76	248	6	752	117	14	98	229	89	184	273	13	2839	„ 35 to 40
„ 40 to 45	23	3	2	66	20	114	68	45	83	45	240	82	62	43	77	48	44	356	45	51	16	6	24	142	51	57	32	63	43	95	1	342	49	3	41	93	53	67	120	6	1413	„ 40 to 45
„ 45 to 50	23	5	5	56	16	101	81	59	111	86	337	72	84	50	100	68	79	453	57	48	18	19	29	171	72	73	60	108	44	181	3	511	75	19	64	158	73	147	220	8	1959	„ 45 to 50
„ 50 to 55	12	2	5	51	11	77	48	39	44	20	152	40	37	30	50	19	23	214	34	21	10	7	12	84	28	17	15	29	8	35	..	132	27	3	20	50	24	42	66	3	768	„ 50 to 55
„ 55 to 60	17	1	4	49	11	79	84	72	153	67	376	66	69	42	108	72	63	420	53	33	14	18	43	161	58	77	31	107	44	170	2	521	68	23	54	145	62	104	166	3	1860	„ 55 to 60
60 and Over	34	10	134	24	209	169	130	254	108	659	114	174	85	359	127	122	731	99	87	27	37	46	296	134	73	139	159	70	260	2	836	122	20	62	206	93	147	240	4	3291	60 and Over
Unspecified Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	Unspecified Age.
All Ages	71	677	64	1403	409	2624	2346	1648	3127	2144	9265	1816	1809	1235	2243	1847	2139	11089	1665	1257	603	567	981	4773	1848	1862	1468	2326	1401	4689	56	13650	2339	378	1361	4079	1399	3512	4911	122	30513	All Ages.

	A					B				C					D				E				F		G		
	1	2	3	4	5	1	2	3	4	1	2	3	4	5	6	1	2	3	4	5	6	7	1	2	3	1	2
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Mandvi.	Chuckla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.	Harbour and Docks, Railways and Hospitals.
	A					B				C						D							E				F			G		
	Total.					Total.				Total.						Total.							Total.				Total.			Total.		Total.

DEATHS at different LOCALITIES in different MONTHS, arranged in Quarters, for the year beginning 1st January 1903.

Months.	A						B					C							D					E								F				G		Harbour and Docks, Railways and Homeless	Total	Still-born.	Total, including Still-born.	Months.
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chakla.	Umarkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Malabarhill.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.				
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2					
January	4	81	2	179	41	307	255	180	360	250	1045	248	177	135	280	236	227	1253	105	141	44	25	137	452	119	166	149	303	187	371	4	1299	187	23	110	320	58	213	301	12	4959	145	5104	January.
February	5	77	10	189	47	328	262	229	433	373	1304	301	300	217	345	318	320	1801	267	171	64	28	125	655	173	214	198	291	213	506	4	1699	249	28	125	402	113	298	411	22	6622	142	6764	February.
March	11	106	14	191	54	376	350	229	457	325	1361	284	369	226	347	268	413	1907	299	306	149	44	20	1103	396	320	215	364	313	984	10	2602	444	57	285	786	199	784	983	10	9143	147	9290	March.
Quarter 1st ..	20	264	26	559	142	1011	874	638	1250	948	3710	803	846	638	952	792	960	4991	771	618	250	97	464	2200	688	700	562	1058	683	1861	18	5570	880	108	520	1508	400	1295	1695	44	20729	434	21163	Quarter 1st.
April	12	108	8	204	46	378	323	191	433	310	1257	227	220	190	344	267	343	1591	290	208	75	58	212	843	478	349	225	378	200	1066	16	2612	595	82	275	950	216	870	1086	7	9816	165	9979	April.
May	6	44	8	125	30	213	196	144	270	154	764	125	108	60	147	125	128	693	107	64	28	37	55	291	148	152	124	151	90	396	4	1065	224	33	106	353	206	379	585	15	3976	139	4115	May.
June	5	30	1	91	19	146	131	116	193	115	555	113	74	56	114	128	107	592	73	42	24	37	211		84	101	85	123	68	230	3	693	132	20	78	231	127	195	322	7	2797	131	2888	June.
Quarter 2nd..	23	182	17	420	95	737	650	451	896	579	2576	465	412	226	605	520	568	2866	462	351	129	132	304	1329	710	602	434	551	358	1692	23	4370	932	135	457	1524	651	1444	2095	32	16549	433	16982	Quarter 2nd.
July	2	42	4	75	21	144	134	104	155	116	509	95	105	52	92	84	99	527	78	49	16	32	46	221	64	81	62	123	79	191	5	595	83	24	77	184	64	150	214	7	2402	139	2541	July.
August	4	47	4	76	23	154	139	91	153	116	503	84	95	39	121	83	106	528	94	62	21	32	34	243	78	73	85	132	57	194	2	621	81	33	58	166	56	135	191	4	2401	155	2556	August.
September	5	54	4	60	27	150	150	87	168	104	504	84	85	40	97	89	92	487	61	56	19	21	30	187	73	72	88	125	51	189	3	599	91	32	70	193	59	139	169	7	2236	189	2424	September.
Quarter 3rd ..	11	143	12	211	71	448	423	282	473	336	1516	263	285	131	310	262	291	1542	233	167	56	85	110	651	215	226	225	378	173	574	10	1816	255	79	203	537	179	424	574	18	7102	482	7584	Quarter 3rd.
October	9	53	2	69	29	138	121	93	164	93	480	85	96	58	123	93	98	553	64	47	33	23	31	199	63	99	66	138	56	173	1	575	77	18	55	150	55	119	174	6	2276	168	2444	October.
November	4	31	2	67	30	134	126	71	158	89	444	90	79	48	120	79	108	524	64	45	18	14	33	174	81	91	76	107	58	180	1	594	85	23	60	168	59	112	171	15	2214	152	2366	November.
December ..	4	24	5	81	42	156	142	118	186	92	539	110	91	64	133	101	114	613	71	59	17	25	39	211	91	148	95	134	68	203	3	742	90	29	60	181	73	138	211	7	2643	149	2792	December.
Quarter 4th..	17	88	9	217	101	428	389	277	508	279	1453	285	266	170	376	273	320	1690	199	151	68	62	103	582	235	334	237	379	182	562	5	1894	252	66	182	500	178	369	547	28	7133	469	7602	Quarter 4th.
Total.....	71	677	64	1403	409	2624	2346	1648	3127	2144	9265	1816	1809	1235	2245	1847	2139	11089	1665	1257	503	367	981	4773	1848	1862	1468	2326	1101	4639	56	13350	2339	378	1362	4079	1399	3512	4911	22	60513	1818	62331	Total.
Still-born	4	27	2	57	20	110	67	88	141	79	375	47	75	43	65	62	63	346	54	44	22	18	24	160	66	139	39	76	51	155	1	527	67	12	49	128	48	123	171	..	1818	..	..	Still-born.
Total, including Still-born.	75	704	66	1460	429	2734	2413	1736	3268	2223	9640	1863	1884	1278	2308	1909	2202	11434	1719	1301	525	385	1005	4933	1914	2001	1507	2402	1152	4844	57	14177	2406	390	1411	4207	1447	3635	5082	122	62331	..	..	Total, including Still-born.
Months.	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2					Months.
	A						B					C							D					E								F				G		Harbour and Docks, Railways and Homeless	Total	Still-born.	Total, including Still-born.	

X

TABLE showing the DEATHS in different

Wards.	SECTIONS.	GENERAL DISEASES.																						
					FEVERS.																			
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Enteric Fever.	Malarial Fever, including Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.	Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.
A	Upper Colaba	1	...	18	..	2	5	1	...	...	...	...	1	2	...	...	...	2	3	4	3
	Middle and Lower Colaba ...	13	13	301	...	3	50	1	...	...	...	1	18	10	6	1	1	2	28	24	23
	Fort, Southern	3	...	26	...	1	3	...	..	..	...	...	...	2	...	...	...	..	1	...	4
	„ Northern	42	21	498	...	12	97	...	...	...	1	...	60	26	1	...	2	8	78	61	55
	Esplanade	5	9	111	...	2	19	...	...	...	...	1	21	10	...	...	1	4	33	11	40
B	Mandvi	50	69	866	...	...	189	2	...	1	...	...	57	28	38	...	3	1	68	91	91
	Chukla	38	23	481	...	1	80	1	...	...	...	...	49	29	21	...	4	...	74	63	59
	Umerkhadi	64	72	909	...	2	183	18	...	...	1	1	129	71	32	...	4	2	177	53	183
	Dongri	9	59	872	...	...	192	49	...	...	...	4	64	46	13	...	1	5	179	66	62
C	Market	59	38	770	...	4	109	4	1	...	...	...	63	23	12	...	2	6	69	33	65
	Dhobi Talao	109	34	689	...	1	88	...	...	3	...	...	79	29	6	1	4	3	69	45	65
	Fanaswadi	92	30	551	...	2	58	...	...	3	...	...	32	17	2	...	1	..	35	23	43
	Bhuleshwar	48	31	1013	...	1	106	2	...	4	...	1	103	31	21	3	4	1	101	29	75
	Khara Talao	58	77	608	...	1	47	2	...	1	...	...	54	20	8	...	...	1	85	45	51
	Kumbharwada	126	50	807	...	...	54	14	...	...	...	...	70	25	20	1	1	2	133	39	52
D	Khetwadi	51	38	738	...	1	49	1	...	...	...	1	39	21	9	1	4	3	83	20	56
	Girgaum	84	15	471	...	1	80	...	...	1	...	...	35	23	11	...	...	...	59	37	37
	Chaupati	25	5	214	...	...	31	...	...	...	...	...	16	11	1	2	...	1	30	17	16
	Walkeshwar	5	4	113	...	1	32	2	...	...	...	...	4	9	3	...	2	1	36	17	15
	Mahalakshmi	24	13	541	...	2	21	3	...	1	...	2	30	24	6	2	...	1	32	61	32
E	Mazagon	22	23	933	...	2	98	4	..	...	...	..	57	21	10	1	..	6	172	118	25
	Tarwadi	17	41	752	...	5	99	8	...	...	1	...	110	44	9	...	3	36	124	68	73
	2nd Nagpada...	35	47	520	..	...	8	4	...	...	...	...	33	40	24	...	...	...	68	160	91
	Kamathipura	56	48	997	...	...	33	6	1	...	...	...	75	76	18	3	2	1	97	188	116
	Tardeo	50	42	609	...	...	22	5	...	2	...	1	62	42	13	1	1	1	67	85	54
	Byculla	131	174	2075	..	4	264	20	...	...	...	...	109	77	30	...	..	5	322	239	103
	1st Nagpada	1	2	27	...	...	...	...	...	...	...	...	6	1	...	...	...	...	3	2	4
F	Parel	90	53	1090	...	2	49	7	...	1	...	1	100	47	12	1	2	3	159	53	39
	Sewri	12	5	144	...	...	15	...	...	...	...	...	15	17	3	1	...	...	43	6	11
	Sion	44	31	553	...	...	47	1	...	1	...	3	64	39	8	33	1	...	137	27	27
G	Mahim	23	15	609	...	...	49	5	...	...	...	...	72	52	9	1	2	...	78	44	20
	Worli	87	45	1884	...	1	106	9	...	1	..	1	126	88	20	...	1	2	187	106	37
	Harbour and Docks, Railways and Homeless.	3	...	18	...	5	5	...	...	...	...	...	5	2	...	...	...	...	1	2	23
	Total	1477	1115	20738	...	45	3288	167	2	19	3	17	1757	1003	365	102	46	97	2831	1832	1655

Wards.	SECTIONS.	GENERAL DISEASES.																						
					FEVERS.																			
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Enteric Fever.	Malarial Fever, including Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.	Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.

XV.

LOCALITIES from different CAUSES in the year 1903.

LOCAL DISEASES.											INJURIES.						SECTIONS.	Wards.
Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System. Phthisis.	Respiratory System. Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	General. Drowning.	General. Other General Injuries.	Local Injuries.	Poisons.	Unspecified Causes.	Total, excluding Still-born.		
7	...	3	1	6	7	...	...	...	...	...	...	...	...	...	...	71	Upper Colaba	A.
34	...	...	31	82	15	...	4	3	1	...	5	2	2	...	3	677	Middle and Lower Colaba ...	
3	...	5	1	7	3	...	3	1	...	...	...	...	...	1	...	64	Fort, Southern...	
81	1	38	66	173	39	5	8	11	6	...	2	11	6	3	1	1403	,, Northern...	
15	...	14	19	57	10	...	3	2	4	...	2	13	4	1	...	409	Esplanade	
125	...	14	95	452	59	...	8	7	5	3	...	10	11	3	...	2346	Mandvi	B.
107	...	16	156	363	60	...	6	6	4	...	...	3	3	...	1	1648	Chukla	
39	...	35	303	645	77	...	34	16	7	2	3	8	4	2	1	3127	Umerkhadi	
41	...	6	64	319	75	...	5	5	2	...	2	6	5	2	...	2144	Dongri	
87	...	15	110	237	54	1	13	13	5	3	...	8	6	4	2	1816	Market	C.
100	3	22	101	250	57	2	17	4	6	2	4	12	2	2	...	1809	Dhobi Talao	
64	...	9	74	150	25	1	3	3	...	1	5	6	3	2	...	1235	Fanaswadi	
86	...	13	79	368	45	4	15	21	10	...	2	18	5	3	1	2243	Bhuleshwar	
163	...	6	156	361	50	...	10	5	2	3	2	20	3	1	...	1847	Khara Talao	
111	...	10	154	399	32	1	7	3	1	5	2	14	3	2	1	2139	Kumbharwada	
85	...	15	102	271	38	4	10	3	4	...	3	8	5	3	1	1665	Khetwadi	D.
71	...	8	68	168	45	1	16	5	3	1	4	5	6	1	1	1257	Girgaum	
23	...	3	23	53	13	...	3	6	...	...	2	1	2	...	...	503	Chaupati	
18	...	6	17	42	15	3	1	3	2	...	6	2	1	..	...	367	Walkeshwar	
45	...	6	1	101	13	...	6	4	2	...	3	5	...	...	...	981	Mahalakshmi	
23	...	10	82	192	14	1	12	6	3	...	2	5	5	1	...	1848	Mazagon	E.
59	...	15	81	176	60	...	16	21	13	9	6	29	10	2	...	1862	Tarwadi...	
139	...	4	26	212	34	1	3	8	1	...	1	5	4	...	1	1468	2nd Nagpada	
167	...	6	34	296	53	1	6	7	9	2	1	10	4	2	6	2326	Kamathipura	
85	...	6	14	202	14	...	2	3	1	...	4	5	6	1	1	1401	Tardeo	
133	...	6	280	602	49	1	7	17	4	...	6	12	13	3	3	4689	Byculla	
1	...	...	...	6	1	...	...	...	...	...	...	1	...	1	...	56	1st Nagpada	
75	1	6	204	271	39	1	2	4	1	3	8	4	6	2	3	2339	Parel	F.
6	...	2	45	37	8	2	1	2	...	...	3	1	...	...	...	378	Sewri	
31	...	3	113	93	28	10	8	3	5	...	7	3	2	...	1	1362	Sion	
57	...	4	90	212	18	1	7	6	...	3	13	5	4	...	...	1399	Mahim	G
148	...	11	241	280	67	...	15	12	4	1	16	8	5	...	3	3512	Worli	
3	...	7	2	11	6	...	...	1	...	...	7	4	10	...	7	122	Harbour and Docks, Railways and Homeless.	
2282	5	332	2842	7101	1123	40	251	211	105	38	121	244	140	42	37	50513	Total.	

Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System. Phthisis.	Respiratory System. Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	General. Drowning.	General. Other General Injuries.	Local Injuries.	Poisons.	Unspecified Causes.	Total, excluding Still-born.	SECTIONS.	Wards.
LOCAL DISEASES.											INJURIES.							

XX

DEATHS in different OCCUPATIONS from different CAUSES in

Occupation or Trade of Family.	General Diseases.														
	A										B				
				Fever.											
	Small-pox.	Measles.	Plague.	Scarlet.	Enteric.	Malarial, including Ague & Remittent.	Relapsing.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
CLASS I.—PROFESSIONAL.															
1. General Government.															
(a) *Imperial.*															
1 His Excellency the Governor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2 Governor's Family	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Government Officials in Civil employ (including Police)	1	...	47	...	1	5	...	...	...	...	...	...	1	...	...
(b) *Local and Municipal Government.*															
4 Persons employed under Municipal and Local Bodies (including Police)	9	...	332	...	...	20	3	...	...	...	2	15	29	1	...
(c) *Foreign Governments and Native States.*															
5 Consuls	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 Native Chiefs, their Staff and Retinue	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
2. Defence.															
(a) *Army.*															
7 Officers, effective (including Non-Combatants)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8 Soldiers	...	...	6	...	1	4	...	...	...	...	...	1	1	...	...
9 Army Pensioners, &c.	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Navy.*															
10 Naval Officers	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
11 Seamen (Government)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Learned Professions, &c.															
(a) *Ecclesiastical.*															
13 Ministers of Religion, Priests and persons officiating in Churches, Temples, and Mosques, &c.	1	...	33	...	...	9	...	...	...	...	...	2	4	...	1
14 Missionaries	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
15 Devotees, Bhikshuks, Fakirs, &c.	1	2	44	...	...	10	...	...	...	...	...	2	3	...	...
16 Servants and Officers of Religious Institutions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Law.*															
17 Barristers and Advocates	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 Solicitors and Attorneys	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19 Pleaders and Vakils	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
20 Law Agents, Interpreters, Mukhtiars, Petition Writers, &c.	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
(c) *Medical.*															
21 Physicians and Surgeons (*Licensed*)	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...
22 Medical Assistants, &c.	2	...	19	...	...	1	...	...	...	...	...	...	...	...	...
23 Vaids, Hakims and Unlicensed Practitioners	...	...	9	...	...	2	...	...	...	...	1	...	...	...	...
24 Dentists	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25 Chemists and Druggists	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
26 Midwives and Nurses	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...
(d) *Literature, &c.*															
27 Editors, Authors	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28 Reporters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29 Officers of Literary Institutions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(e) *Artists, &c.*															
30 Painters (*Artists*)	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
31 Sculptors	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
32 Photographers	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...
33 Drawing Masters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Musicians.*															
34 Music Masters and Players	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...

VI.

the City of BOMBAY for the year beginning 1st January 1903.

Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.	Local Diseases.											Injuries.				Unspecified Causes.	Total.
					Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.		Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	General.		Local Injuries.	Poison.		
								Phthisis.	Other Diseases of the Respiratory System.								Drowning.	Other General Injuries.				
2		3	1	21	2		4	28	57	6	1	1			1		2	1				536
					1																	2
				7	2				1													10
					2		4		2	4		2			1			1	1	1		27
									2													6
										1									1			3
																			1			1
				1	3		3	1	10	2		2						1				73
				2	2	1	1		1	1												3
				2			2															82
									1	2												4
		1		1	1			1	1	1									1			5
		1					1	2				1										1
																						7
																						29
																						17
																						2
							1	1														4
					1					1												1
																						1
												1										2
				1																		2
																						4
									1	1												5

Occupation or Trade of Family.	General Diseases. A: Small-pox.	Measles.	Plague.	Scarlet Fever.	Fever. Enteric.	Fever. Malarial, including Ague & Remittent.	Fever. Relapsing.	Influenza.	Whooping Cough.	Diphtheria.	B: Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
CLASS I.—PROFESSIONAL—*contd.*															
3. Learned Professions, &c.—*contd.*															
(g) Actors, &c.															
35 Actors, Actresses	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...
36 Theatre Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37 Dancers, Naykins, &c.	1	...	4	...	...	...	...	...	...	...	...	...	...	...	...
38 Jugglers, Snake Charmers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39 Billiard Room Keepers, &c.	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
40 Cricket Club, Gymkhana Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(h) Teachers, &c.															
41 School Masters, Mistresses	...	...	7	...	1	4	...	...	...	...	...	...	...	...	...
42 Professors, Teachers, &c.	...	...	8	...	...	1	...	...	...	...	1	...	...	...	...
43 Service of Educational Institutions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(i) Science.															
44 Civil Engineers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
45 Museum, &c., Service	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
CLASS II.—DOMESTIC.															
4. Omitted.															
5. Entertainers, &c.															
(a) Board and Lodging.															
46 Hotel and Inn Keepers	...	...	11	...	...	...	...	...	...	...	...	...	...	...	...
47 Lodging-house Keepers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
48 Refreshment Houses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
49 Institution Service, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 Service of Clubs	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
51 Mess Contractors, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Domestic.															
52 In-door Servants	56	3	301	...	3	31	2	...	...	...	5	8	...	...	
53 Service in Stables, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
54 Dhobis (Washermen)	...	...	85	...	...	6	1	...	...	...	1	1	...	...	...
55 Bhistis (Water-carriers)	...	...	14	...	...	2	...	...	...	...	1	1	...	...	...
56 Sweepers (of houses, &c.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
57 Hotel Service	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
58 Keepers of Cook-houses	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
59 Servants not otherwise described	12	1	953	...	3	92	2	...	...	1	22	22	...	...	
CLASS III.—COMMERCIAL.															
6. Mercantile.															
(a) Merchants, &c.															
60 General Merchants	2	...	229	...	1	24	...	...	...	...	1	6	10	...	...
61 Merchants in Cotton	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
62 Merchants in other Special Goods	...	...	16	...	...	...	...	...	...	...	...	...	...	...	...
63 Bankers	...	...	5	...	...	...	...	...	...	...	1	...	...	...	...
64 Money-lenders	...	...	52	...	...	6	1	...	...	...	1	...	...	...	...
65 Service in Banks	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
66 Insurance Office Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
67 Commercial Agents, Brokers, &c.	...	...	112	...	...	15	...	...	...	...	3	2	...	...	...
68 Salesmen, Bill Collectors, &c.	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...
69 Auctioneers, House Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
70 Accountants, Auditors	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
71 Commercial Clerks, &c.	5	...	137	...	1	31	...	...	...	...	6	1	...	...	...
72 Notaries Public	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
73 Capitalists, Shareholders	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
74 Emigration Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
75 Pawnbrokers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Other General Dealers.															
76 General Dealers and Shopkeepers (*unspecified*)	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...
77 Itinerant Retailers	3	...	162	...	...	20	2	...	...	...	8	7	...	...	...
78 Pedlars (*Boxwallahs—Borahs*)	...	...	6	...	...	...	...	...	...	...	2	...	...	...	...

—*continued.*

Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.	Local Diseases.											Injuries.				Unspecified Causes.	Total.
					Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.		Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	General.		Local Injuries.	Poison.		
								Phthisis.	Other Diseases of the Respiratory System.								Drowning.	Other General Injuries.				
					1				1													4
								2	1												1
								1													3
																					1
																					1
1				1				3	4			2							1		25
					1				3										1		16
																					1
1				1					4		1										18
					1																1
1		1	1	20	10		6	23	41	12		3	1		2			1	2	1	534
									1												1
			1	5	1		1	14	13	3		1				1					134
								1	3			1	1								24
									2												3
							1		1												3
3		2	2	55	14		13	76	119	24		9			3			2	2	1	1,433
1				7	7		9	17	30	11		4			1			1	1		361
									3												5
				1				2							1						20
				1	1		1	1	4	2											6
																					71
																					1
		2		8	3		6	12	25	5		3						2			198
								1	1												5
				2																	2
1		4		21	7		14	18	22	10		7			1	2		1	4		296
									1										1		2
				2					2												4
				9	2			3	47	13		2			1			1	1	1	314
									1												9

Occupation or Trade of Family.	General Diseases. A: Small-pox.	Measles.	Plague.	Fever: Scarlet.	Fever: Enteric.	Fever: Malarial, including Ague & Remittent.	Relapsing.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	B: Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
CLASS III.—COMMERCIAL—*contd.*															
7. Carriers.															
(a) *On Railways.*															
79 Drivers, Stokers (*A'gwallahs*)	1	...	32	...	...	3	1	...	...	...	...	2	...	...	...
80 Station Masters, Clerks, Ticket Collectors	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
81 Guards, Signalmen, Porters, Police	2	...	16	...	...	3	...	...	...	...	...	1	...	...	...
82 Agents, Managers, Office Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) *On Roads.*															
83 Carriage and Horse Letters, Livery Stable Keepers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
84 Drivers of Public Vehicles (*Buggywallahs, Shigramwallahs, &c.*)	1	...	89	...	...	6	...	...	...	...	...	1	2	...	...
(c) *Omitted.*															
85 Cart Owners and Drivers (*Gádawallahs*)	...	...	156	...	...	16	2	...	...	...	...	5	6	...	...
86 Carriers on Pack Animals (*Wanjáras, &c.*)	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(d) *On Seas, &c.*															
87 Ship or Boat Owners	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
88 Steam Navigation Service	2	...	6	...	1	2	...	...	...	...	...	...	...	...	...
89 Seamen (not Government)	3	...	44	...	1	5	1	...	...	...	...	6	4	...	...
90 Pilots	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
91 Boatmen	...	...	2	...	...	2	...	...	...	...	...	...	...	...	...
92 Dock and Harbour Officials	...	...	3	...	...	1	...	...	...	...	...	...	1	...	...
93 Dock Labourers	...	...	7	...	1	1	1	...	...	...	...	...	1	...	...
94 Shipping Surveyors and Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
95 Dubashes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(e) *Storage, &c.*															
96 Warehousemen and Storekeepers	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...
97 Keepers of Cotton, &c., Presses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
98 Packers, Weighmen, &c.	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Telegraph (Ry.) and Messages.*															
99 Railway and other Telegraph Service, (not Government)	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
100 Messengers, Porters, &c. (not Government)	7	...	124	...	...	9	...	...	...	...	...	1	5	...	...
CLASS IV.—AGRICULTURE, PASTURE AND DEALINGS WITH ANIMALS, &c.															
8. Agriculture and Pasture, &c.															
(a) *Cultivation and Grazing.*															
101 Occupants and Tenants of Lands and Cultivators	1	...	35	...	...	3	...	...	...	...	...	3	1	...	2
102 Occupants and Tenants of Lands but not Cultivators	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
103 Farm Day Servants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
104 Field Labourers	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
105 Cattle and Sheep Watchers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Gardening, &c.*															
106 Gardeners (*Máli* and *Kachiá*)	1	...	65	...	...	1	1	...	...	...	1	...	2	...	...
107 Growers and Sellers of Flowers and Garlands	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
9. Animals.															
108 Horse Dealers, &c.	2	...	1	...	...	...	...	...	...	...	...	1	...	...	...
109 Jockey Grooms (not domestic service)	1	1	104	...	...	9	...	...	...	...	1	1	2	...	...
110 Veterinary Surgeons, Farriers	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...
111 Horse-shoers (*Nálband*)	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
112 Cattle and Sheep Breeders (*Dhangar, &c., Wanjári*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fishers.															
113 Fishermen, &c.	...	...	56	...	...	3	...	...	...	...	...	3	3	...	...
114 Shikaries and Bird Catchers and Sellers	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
115 Leech Dealers	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...

—continued.

Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.	LOCAL DISEASES. Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Respiratory System. Phthisis.	Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	INJURIES. General. Drowning.	Other General Injuries.	Local Injuries.	Poison.	Unspecified Causes.	TOTAL.
...	...	...	...	8	2	...	2	8	15	12	...	...	...	...	...	...	...	3	...	...	...	89
...	...	...	...	1	3	...	1	2	12	...	...	...	...	...	...	...	...	1	1	...	...	13
...	...	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	1	1	...	...	27
..	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	...	...	...	6	20	1	...	...	...	...	...	...	1	1	1	...	...	130
1	...	...	1	16	3	...	2	10	17	5	...	3	...	...	1	...	1	...	3	...	...	248
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	4	2	...	2	3	4	2	...	...	...	...	...	...	...	1	...	...	...	29
...	...	...	...	20	2	...	3	10	22	7	...	...	...	...	...	...	1	5	4	...	4	142
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...	...	...	...	1	...	...	...	2	...	1	...	...	...	...	...	...	...	1	...	...	...	9
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3																						
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Occupation or Trade of Family.	General Diseases.													
	A										B			
				Fever.										
	Small-pox.	Measles.	Plague.	Scarlet.	Enteric.	Malarial including Ague & Remittent.	Relapsing.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
CLASS V.—INDUSTRIAL.															
10. Art and Mechanical Productions.															
(a) *Books.*															
116 Booksellers, Publishers	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
117 Bookbinders	...	1	10	...	...	...	...	...	...	...	...	...	1	...	...
118 Printers by Steam, Compositors, &c.	2	...	67	...	...	7	...	...	...	...	...	2	1	...	...
119 Newspaper Proprietors, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
120 Do. Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
121 Library or Book Depôt Keepers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Musical Instruments.*															
122 Makers, Tuners, &c., of Musical Instruments	...	...	7	...	...	...	...	...	...	...	1	1	2	...	...
123 Music Sellers, &c.	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
(c) *Prints, Pictures.*															
124 Lithographers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
125 Print Sellers, Publishers	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
(d) *Carvings, &c.*															
126 Wood Carvers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
127 Artificial Flower Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
128 Figure Casters (*Otdrva*)	...	...	4	...	...	...	...	...	...	...	...	...	1	...	...
(e) *Toys, &c.*															
129 Toy and Kite Makers or Sellers	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
130 Billiard Table Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Engravings, &c.*															
131 Type Founders	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
132 Seal Engravers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
133 Engravers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(g) *Watches, &c.*															
134 Watch and Clock Makers	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...
(h) *Omitted.*															
135 Opticians, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(i) *Arms, &c.*															
136 Gunsmiths	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
137 Sword Makers and Polishers (*Shikelgars*)	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...
138 Gunpowder Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(k) *Machines and Tools.*															
139 Engine Makers (Fitters, &c.)	4	...	113	...	...	11	1	...	...	...	...	8	7	...	...
140 Spinning, Weaving, &c., Machine Makers	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
141 Tool Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
142 Cutlers and Grinders	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
(l) *Carriages, &c.*															
143 Carriage, Cart and Palki Makers	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
144 Railway Carriage Makers, Fitters, &c.	...	...	27	...	...	3	...	...	...	...	1	...	2	...	...
(m) *Harness.*															
145 Saddle and Harness Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
146 Saddle Cloth, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
147 Whip and Stick Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(n) *Boats and Ships.*															
148 Boat and Ship Builders	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
149 Sailmakers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
150 Ship-Chandlers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(o) *Houses and Buildings.*															
151 House-owners, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
152 Architects	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
153 Surveyors and Draftsmen	...	...	3	...	...	1	...	...	...	...	...	...	...	...	...
154 Builders and Contractors	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

—*continued.*

Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.	Local Diseases. Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System. Phthisis.	Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	Injuries. General. Drowning.	Other (General) Injuries.	Local Injuries.	Poison.	Unspecified Causes.	TOTAL.
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Occupation or Trade of Family.	General Diseases. A: Small-pox.	Measles.	Plague.	Fever. Scarlet.	Enteric.	Malarial (including Acute & Remittent).	Relapsing.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	B: Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
CLASS V.—INDUSTRIAL—*contd.*															
10. Art and Mechanical Productions—*contd.*															
(o) *Houses and Buildings*—(contd.)															
155 Carpenters, Joiners, Sawyers	10	...	266	...	1	18	...	...	...	...	...	14	9	...	1
156 Masons and Bricklayers	...	...	78	...	...	4	1	...	...	...	...	...	2	...	...
157 Tile Turners	...	...	12	...	...	...	...	...	...	...	...	...	...	...	...
158 Plumbers	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...
159 House and Wall Painters	...	...	40	...	...	1	1	...	...	...	...	3	1	...	...
160 Marble Cutters and Dealers	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
(p) *Furniture, &c.*															
161 Furniture Makers and Dealers and Upholsterers	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...
162 Carvers and Gilders	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
163 Undertakers and Carriers of Dead Bodies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
164 Curiosity Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(q) *Chemicals and Combustibles.*															
165 Fireworks Makers, &c	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
166 Matches Makers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
167 Saltpetre Makers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
168 Ink, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Textile Fabrics.															
(a) *Wool.*															
169 Blankets and Woollen Makers and Cleaners by Steam	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
170 Blankets and Woollen Makers and Wool Cleaners by Hand	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
171 Felt (*Namda*) Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
172 Fullers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
173 Carpet and Rug Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Silk.*															
174 Silk Workers by Hand	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
175 Ditto by Steam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
176 Silk Dyers	...	...	1	...	...	1	1	...	...	...	...	...	...	...	...
177 Silk Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(c) *Cotton and Flax.*															
178 Cotton Dyers	1	...	52	...	...	5	...	...	...	...	...	1	1	...	...
179 Lace Makers, &c	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
180 Tape Makers, &c. (*Raval*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
181 Cotton Spinners, Cleaners and Weavers by Steam	1	...	112	...	...	9	...	...	...	...	...	4	1	...	...
182 Cotton Spinners, Cleaners and Weavers by Hand	1	...	23	...	...	1	...	...	...	...	...	...	...	...	...
183 Mill Managers, Clerks, &c	...	...	5	...	...	...	...	...	...	...	...	1	1	...	...
184 Calico Printers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
185 Calenderers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(d) *Miscellaneous Workers.*															
186 Spinners and Weavers and Factory Workers (unspecified)	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...
187 Embroiderers and Brocade, &c., Makers	...	...	12	...	...	1	...	...	...	...	...	2	...	...	...
188 Cotton Goods Sellers, Drapers	1	...	17	...	...	6	...	...	...	...	...	2	1	...	...
(e) *Dress.*															
189 Barbers, Hair Dressers, &c	2	...	83	...	...	4	1	...	...	...	...	2	2	...	2
190 Turban, Cap and Hat Makers	...	...	8	...	...	1	...	...	...	...	...	...	...	...	...
191 Turban Folders	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...
192 Caste-Mark Makers	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
193 Tailors	11	...	165	...	...	15	...	...	...	...	...	4	2	...	...
194 Milliners and Dress Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
195 Glove and Stocking Makers	...	...	4	...	...	1	...	...	...	...	...	...	...	...	...
196 Shoe and *Boot* Makers	5	2	126	...	...	5	...	...	...	...	...	3	...	...	1
197 Button Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
198 Umbrella Makers and Sellers	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
199 Shawl Makers and Sellers	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
200 Punkha and Fan Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

—*continued.*

Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.	Local Diseases.											Injuries.				Unspecified Causes.	Total.
					Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.		Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	General.		Local Injuries.	Poison.		
								Phthisis.	Other Diseases of the Respiratory System.								Drowning.	Other General Injuries.				
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...	...	...	1	12	1	...	1	10	22	5	...	2	...	...	...	...	...	...	3	...	...	131
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Occupation or Trade of Family.	General Diseases. A: Small-pox.	Measles.	Plague.	Fever. Scarlet.	Enteric.	Malarial, including Ague & Remittent.	Relapsing.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	B: Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
CLASS V.—INDUSTRIAL—*contd.*															
11. Textile Fabrics—*contd.*															
(f) *Jute, Tents, Ropes, &c.*															
201 Workers and Sellers of Jute	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
202 Rope and Cord Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
203 Tent Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
204 Coir Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. Foods, Drinks and Stimulants.															
(a) *Animal Food.*															
205 Cow Keepers, Milk Sellers	2	1	79	...	1	6	...	...	...	...	...	5	...	1	...
206 Sellers of Ghee, Butter, Cheese	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
207 Butchers, Slaughtermen and Meat Sellers	...	...	12	...	...	1	...	...	...	...	...	2	2	...	...
208 Fowl Sellers (Poulterers)	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...
209 Fish Salesmen	...	...	53	...	...	4	...	...	...	...	...	3	...	1	...
210 Provision Dealers, Bazaar Suppliers	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...
(b) *Vegetable Food.*															
211 Grain, Pulse and Flour Dealers	...	...	46	...	...	8	1	...	...	...	...	...	...	...	...
212 Millers (*Gold*), (Grinders and Huskers of Grain)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
213 Grain Parchers (*Bhadbhunjas*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
214 Bakers	3	...	13	...	...	2	...	...	...	...	...	2	1	...	...
215 Sweetmeat Makers & Sellers and Pastry Cooks	...	...	11	...	...	...	...	...	...	...	...	...	...	...	...
216 Fruit and Vegetable Dealers	...	...	17	...	...	4	2	...	...	...	...	...	...	...	...
(c) *Drinks and Stimulants, &c.*															
217 Brewers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
218 Wine and Spirit Dealers	...	...	13	...	...	...	...	...	...	...	...	...	...	...	...
219 Distillers and Toddy Drawers	...	...	30	...	...	...	...	...	...	...	...	...	1	...	...
220 Soda Water, &c., Makers and Dealers	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
221 Sugar and (*Gol*) Makers and Dealers	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
222 Grocers, Spice Dealers	...	...	5	...	...	1	...	...	...	...	...	1	...	...	...
223 Tea Dealers and Tasters	...	...	7	...	...	2	...	...	...	...	...	...	...	...	...
224 Tobacco and Snuff Manufacturers and Sellers	...	...	35	...	...	1	...	...	...	...	...	1	1	...	...
225 Opium, Chundool Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
226 Bhang, Ganja Sellers	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
227 Pan and Betel Sellers	...	...	7	...	...	1	...	...	...	...	...	...	...	...	...
228 Perfume Makers and Dealers	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
229 Makers and Sellers of Sherbut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
230 Ditto Vinegar	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
231 Soap Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. Animal Substances.															
232 Comb Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
233 Bone and Horn Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
234 Ivory Carvers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leather.															
235 Hide and Skin Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
236 Tanners and Curriers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
237 Leather Workers and Sellers (not Shoemakers)	...	...	17	...	...	...	...	...	...	...	...	...	4	...	...
14. Vegetable Substances.															
(a) *Gums, Oils, &c.*															
238 Oil Pressers, Oil Cake Makers and Sellers	1	...	7	...	...	...	...	...	...	...	...	...	...	...	...
239 Lac Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

—*continued.*

Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.	Local Diseases.												Injuries.					
					Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.		Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	General.		Local Injuries.	Poison.	Unspecified Causes.	Total.
								Phthisis.	Other Diseases of the Respiratory System.								Drowning.	Other General Injuries				
																						1
																						1
																						1
		1		4	1		1	9	18	5		1			1		1					136
								1	1													3
				3		2	1	11	4									1	1			40
									1													4
				4		2	1	6	4	1						1						60
						1	1															4
				3	1			3	6													71
								1														
								1	3	1		1			1							1
				3	1			3	7	4												28
							1												1	1		15
																				1		42
						2		1	2	1								1				20
							1	1	4	2												40
																						1
								1	1													2
																	1					9
								1														11
				1				2	3	2												46
										1												1
								1	1													1
																						10
																						2
																						1
									1													
																						1

Occupation or Trade of Family.	General Diseases. A: Small-pox.	Measles.	Plague.	Fever: Scarlet.	Fever: Enteric.	Fever: Malarial, including Ague & Remittent.	Fever: Relapsing.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	B: Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
CLASS V.—INDUSTRIAL—*contd.*															
14. VEGETABLE SUBSTANCES—*contd.*															
(b) *Wood, &c.*															
240 Wood and Timber Dealers	...	...	3	...	...	...	...	...	...	...	...	1	...	...	...
241 Wood Turners (*Kantárus*)	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
242 Lacquer Workers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
243 Bamboo Dealers	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
244 Firewood Sellers	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...
245 Coopers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
246 Broom Makers	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...
247 Basket and Cane Workers and Sellers	...	...	9	...	...	1	...	...	...	...	...	...	...	...	...
248 Grass and Forage Dealers	...	...	4	...	...	1	...	...	...	...	...	...	1	...	...
249 Hay Pressers, &c.	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
250 Sellers of Grass for Thatch	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
251 Thatchers (*Chapperband*)	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
252 Rag Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(c) *Paper.*															
253 Paper Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
254 Stationers and Dealers in Paper	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
15. MINERAL SUBSTANCES.															
(a) *Omitted.*															
(b) *Coal.*															
255 Coal Merchants, Shippers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
256 Gas Works Service	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
257 Charcoal Sellers, &c.	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
258 Cowdung Cake Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(c) *Stone-clay.*															
259 Stone Quarrymen (*Beldárs, Valdárs, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
260 Stone Cutters (*Patharvats, Saláts*)	...	...	16	...	...	2	...	...	...	...	...	1	...	...	...
261 Lime Makers and Sellers (*Londris, Chunaras, &c.*)	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
262 Brick, &c., Makers	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
263 Railway Earth Workers	...	...	11	...	...	2	...	...	...	...	...	...	...	...	...
264 Grindstone Makers and Sellers (*Chaksalis*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(d) *Earthenware.*															
265 Potters	...	...	7	...	...	2	...	...	...	...	...	1	1	...	...
266 Hooka Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(e) *Glass.*															
267 China Glass Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
268 Glass Makers and Sellers	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...
269 Bangle Makers and Sellers	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...
270 Bead Makers and Sellers (*Maniaris*)	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Salt.*															
271 Salt Makers (*Mitágrias, &c.*)	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
272 Salt Brokers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(g) *Water.*															
273 Water Works Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
274 Well Sinkers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
275 Ice Dealers and Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

—*continued.*

Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.	LOCAL DISEASES. Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System. Phthisis.	Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	INJURIES. Drowning.	Other General Injuries.	Local Injuries.	Poison.	Unspecified Causes.	TOTAL.
...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	6
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Occupation or Trade of Family.	General Diseases. A: Small-pox.	Measles.	Plague.	Scarlet Fever.	Fever: Enteric Fever.	Fever: Malarial Fever including Ague & R. Fever.	Fever: Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	B: Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
CLASS V.—INDUSTRIAL—*contd.*															
15. Mineral Substances—*contd.*															
(h) *Gold, Silver and Jewellery.*															
276 Gold and Silversmiths	2	...	99	...	...	10	...	...	...	...	...	...	3	...	...
277 Precious Stone Dealers, &c	...	...	3	...	...	1	...	...	...	...	...	...	...	...	...
278 Lapidaries (Stone Cutters)	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
279 Electroplaters	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
280 Plate Dealers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
281 Assayers (*Choksis*), Dealers in Gold & Sellers	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...
282 Gold and Silver Lace Makers	...	...	5	...	...	1	...	...	...	...	...	...	...	...	...
283 Wire Drawers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
284 Gold Washers (*Zarekaris* or *Dhuldhoyas*)	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
(i) *Copper.*															
285 Coppersmiths	...	...	14	...	...	3	...	...	...	...	...	...	1	...	...
(k) *Tin.*															
286 Tinmen and Tinware Dealers	...	...	22	...	...	...	...	...	...	...	...	3	1	...	...
(l) *Brass.*															
287 Brassmiths and Dealers in Brass	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
288 Locksmiths (*Kunchgars*)	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
289 Gas Fitters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
290 Lamp and Lantern Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(m) *Iron and Steel.*															
291 Blacksmiths	1	...	69	...	...	1	...	...	...	...	...	3	4	...	...
292 Hardware and Ironmongers	...	...	1	...	...	1	...	...	...	...	...	1	...	...	...
293 Nail Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CLASS VI.—OTHERS AND UNSPECIFIED.															
16. Indefinite.															
(a) *General Labourers.*															
(b) *Indefinite.*															
294 General Labourers and Coolies	77	5	2891	...	2	214	45	...	...	...	1	52	74	14	1
295 Mechanics, Artizans (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
296 Engineemen, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
297 Factory Labourers (unspecified)	60	6	1960	...	...	127	14	...	...	...	1	20	34	12	...
298 Shopmen, &c. (unspecified)	1	1	263	...	...	21	1	...	...	...	...	...	8	...	...
299 Contractors, &c. (unspecified)	...	...	5	...	...	2	...	...	...	...	...	...	...	...	...
300 Millowners, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
301 Living on Property (funded rents, &c.)	...	...	18	...	2	8	...	...	...	...	...	4	4	...	...
17. Persons of Independent Means.															
302 Pensioners (unspecified)	..	...	18	...	...	1	...	...	...	...	...	...	...	...	...
303 Mendicants	6	...	247	...	...	32	16	...	...	...	...	37	32	2	6
18. Others.															
304 Prisoners	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...
305 Prostitutes and Pimps	1	...	11	...	...	...	...	...	...	...	...	1	3	1	...
306 Others	2	...	46	...	1	3	...	...	...	...	...	5	1	1	...
307 Males following no occupation	58	3	1619	...	5	180	28	...	...	...	...	145	102	...	55
308 Females do. do.	115	14	5894	...	15	476	14	...	1	...	5	311	155	332	28
309 Children, Males	492	535	2460	...	...	841	12	1	11	1	2	487	200	...	4
310 Do. Females	501	540	2058	...	2	876	8	...	7	1	1	522	215	...	3
Grand Total	1477	1115	20788	...	45	2288	167	2	19	3	17	1757	1003	865	102

—*concluded.*

Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.	Local Diseases.												Injuries.				Unspecified Causes.	Total.
					Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.		Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	General.		Local Injuries.	Poison.		
								Phthisis.	Other Diseases of the Respiratory System.								Drowning.	Other General Injuries.				
...	...	...	2	1	2	...	2	12	18	6	...	...	...	...	...	1	1	..	..	...	1	160
...	...	1	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	2	...	...	...	3	5	2	...	...	...	...	...	...	...	...	...	...	...	30
...	...	...	...	2	...	...	...	4	6	4	...	...	...	...	...	...	...	...	...	...	...	41
...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	1	1	7	1	...	...	9	10	1	...	...	...	...	...	...	...	...	...	...	...	109
...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	9	25	88	29	...	16	217	293	39	2	10	2	...	14	4	19	27	33	7	7	4227
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	11	13	44	7	...	1	245	149	20	...	9	5	...	...	...	4	12	4	1	...	2759
...	...	...	2	11	6	...	8	21	45	11	...	4	...	...	...	...	2	...	1	...	...	406
...	...	...	...	1	...	...	...	1	4	2	...	...	...	...	1	...	...	...	...	...	...	16
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	3	5	7	...	2	10	7	1	...	3	2	...	...	...	...	...	...	1	...	77
...	...	1	6	1	2	...	5	5	9	4	...	3	...	...	...	...	...	...	1	...	...	55
...	...	12	50	36	10	...	6	74	134	18	...	8	1	...	4	...	5	32	2	1	2	773
...	...	...	...	1	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	1	...	1	6	4	...	...	...	1	...	...	...	...	...	...	...	...	30
...	...	...	...	5	5	...	1	8	5	3	...	3	...	...	...	...	...	2	...	2	...	93
5	...	22	760	152	128	...	62	208	603	106	8	28	3	...	19	11	23	48	20	5	10	4416
22	...	81	954	423	186	...	78	1169	1208	162	12	72	177	...	30	7	17	48	16	4	4	10030
1	57	1480	...	251	955	2	7	116	1901	261	6	26	8	1070	6	5	18	25	15	3	2	9686
...	40	1191	...	291	820	2	9	216	1879	256	8	18	9	748	7	3	10	21	6	1	3	9024
46	97	2831	1852	1655	2282	5	322	2842	7101	1123	40	251	211	1818	105	38	121	244	140	42	37	50518

XXVII.

STILL-BORN in different RACES and CASTES, arranged in Quarters, for the Year beginning 1st January 1903.

MALES.

MONTHS.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, of Low-Castes.	Mussalman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.
January	..	2	..	1	39	15	16	5	1	3	..	..	..	..	2	84
February	4	3	..	..	33	14	17	1	1	4	..	..	..	..	2	75
March	1	1	..	..	40	18	20	1	..	1	..	..	..	..	2	88
Quarter, 1st..	5	5	..	1	111	47	53	7	2	8	..	..	..	..	12	251
April	5	..	..	..	51	18	14	4	1	1	..	..	..	..	3	97
May	2	3	..	1	31	20	14	4	2	2	..	..	..	..	2	80
June	2	2	..	..	40	11	19	3	1	4	..	..	..	..	2	84
Quarter, 2nd..	9	5	..	1	125	49	47	11	4	7	..	..	..	..	8	266
July	1	2	..	..	39	11	21	5	..	2	1	..	..	..	3	78
August	2	3	..	1	40	7	22	7	1	4	1	1	..	..	1	94
September	6	8	..	2	56	12	16	10	2	1	..	1	..	..	1	115
Quarter, 3rd..	13	13	..	3	128	30	59	22	3	7	2	2	..	..	5	287
October	4	5	..	..	43	11	23	4	1	4	..	1	..	..	1	97
November	2	..	..	1	35	7	15	4	2	3	3	..	..	..	2	76
December	1	4	..	2	47	8	21	1	..	3	..	1	..	..	5	93
Quarter, 4th..	8	9	1	3	125	26	60	9	3	10	2	2	..	..	8	266
Year..	35	32	1	8	489	152	219	49	12	32	4	4	..	..	33	1070

FEMALES.

MONTHS.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, of Low-Castes.	Mussalman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.
January	2	1	..	..	21	6	10	3	1	1	1	1	..	..	3	61
February	2	1	..	1	26	8	15	4	..	..	..	..	..	..	6	63
March	1	1	..	1	28	8	17	1	1	..	..	..	..	..	1	59
Quarter, 1st..	5	3	..	2	85	22	42	8	2	1	1	1	..	..	10	183
April	2	4	..	..	23	13	18	1	1	1	..	..	..	..	3	66
May	2	2	..	..	24	7	15	5	..	..	..	1	..	..	2	58
June	1	1	..	..	18	6	20	2	..	1	..	..	..	..	2	51
Quarter, 2nd..	5	7	..	..	60	26	53	8	1	4	..	2	..	..	6	167
July	2	..	..	1	24	9	19	4	2	3	..	..	..	..	3	63
August	2	1	..	1	25	7	15	4	1	2	1	..	..	..	1	61
September	4	1	..	..	32	10	13	6	..	3	..	..	1	..	2	73
Quarter, 3rd..	8	2	..	2	81	26	47	14	4	8	1	..	1	..	7	195
October	4	..	..	..	36	10	11	6	..	3	..	1	..	..	..	71
November	3	..	1	1	26	8	17	5	..	2	..	..	..	..	1	76
December	3	..	..	..	37	11	9	1	1	3	..	..	..	..	..	56
Quarter, 4th..	9	1	1	1	99	29	37	12	2	8	..	1	..	..	3	203
Year..	28	13	1	5	325	103	173	37	9	21	2	4	1	..	26	748

PERSONS.

MONTHS.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, of Low-Castes.	Mussalman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.
January	2	3	..	1	60	21	26	8	2	4	1	1	..	..	6	145
February	6	4	..	1	59	22	32	5	1	4	..	..	..	..	8	142
March	2	2	..	1	68	26	37	2	1	1	..	..	..	..	7	147
Quarter, 1st..	11	8	..	3	196	69	95	15	4	9	1	1	..	..	22	434
April	7	4	..	..	74	31	29	5	2	2	..	..	..	..	6	163
May	4	5	..	1	55	27	29	4	..	2	..	1	..	..	6	139
June	2	3	..	..	53	17	33	5	1	5	..	..	..	..	4	131
Quarter, 2nd..	14	12	..	1	185	75	100	14	5	11	..	1	..	..	14	433
July	2	2	..	1	56	20	33	9	2	5	1	..	..	..	6	139
August	5	5	..	1	65	14	33	11	2	6	2	1	..	..	2	155
September	10	9	..	2	88	23	29	16	2	4	..	1	1	..	4	186
Quarter, 3rd..	21	15	..	5	209	56	100	36	7	15	3	2	1	..	12	480
October	8	5	..	..	79	21	34	10	1	7	..	2	..	..	1	168
November	5	1	1	2	71	16	32	9	2	5	2	..	..	..	3	152
December	4	4	1	2	74	19	30	2	1	6	..	1	..	..	5	149
Quarter, 4th..	17	10	2	4	224	55	97	21	5	18	2	3	..	..	11	469
Year..	63	45	2	13	814	255	392	86	21	53	6	8	1	..	59	1818

MALES.

Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, of Low-Castes.	Mussalman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.

FEMALES.

Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, of Low-Castes.	Mussalman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.

PERSONS.

Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, of Low-Castes.	Mussalman.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.

XXVIII.

STILL-BORN in different LOCALITIES, arranged in Quarters, for the year beginning 1st January 1903.

MONTHS.	A						B					C						D					E							F			G			Harbour and Docks, Railways and Homeless.	TOTAL.	MONTHS.
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chakla.	Umerkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.			
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2				
January	1	..	..	6	1	10	4	10	6	9	29	4	10	4	8	3	4	33	3	3	1	2	..	9	4	13	4	4	9	11	..	45	4	..	2	6	6	9	15	..	145	January.
February	..	..	..	4	..	5	3	4	15	1	23	4	..	2	2	2	1	11	2	1	2	1	..	6	3	7	1	10	2	16	..	39	10	2	4	16	1	9	10	..	132	February.
March	..	..	..	3	..	3	6	10	8	10	33	3	4	2	3	5	5	22	7	4	..	1	3	15	5	14	6	5	5	16	..	50	6	3	4	11	4	9	13	..	147	March.
Quarter, 1st	1	7	..	13	1	22	13	24	29	20	90	11	14	9	20	14	14	82	18	8	3	3	3	35	13	34	10	19	16	43	..	134	20	3	10	33	11	27	38	..	424	Quarter, 1st.
April	..	1	..	6	1	8	4	4	12	5	25	1	6	2	2	4	10	26	4	6	1	..	..	11	7	9	5	8	1	21	..	51	7	..	7	14	8	13	21	..	165	April.
May	..	4	..	4	1	9	5	3	9	1	18	2	3	2	2	1	2	12	3	3	2	1	3	12	7	18	3	7	4	12	..	50	6	2	2	10	1	17	18	..	139	May.
June	1	..	1	3	..	5	7	10	11	4	32	1	3	4	5	5	4	22	6	3	1	2	1	13	4	8	3	6	2	14	..	36	3	..	5	8	7	10	16	..	131	June.
Quarter 2nd	1	5	1	13	4	27	17	17	32	10	76	5	11	8	9	10	16	71	13	12	4	3	4	36	18	35	9	21	7	47	..	137	16	2	14	31	16	40	56	..	435	Quarter, 2nd.
July	1	4	..	5	2	12	1	11	11	5	28	3	8	5	2	4	2	24	3	4	1	..	3	11	1	11	6	6	3	15	..	42	3	1	3	12	2	8	10	..	139	July.
August	1	1	..	6	1	9	6	10	14	10	40	1	3	3	6	3	6	22	3	1	4	3	6	17	2	11	1	8	5	8	1	42	4	1	5	10	2	8	11	..	165	August.
September	..	3	..	8	2	13	10	6	20	10	46	2	13	6	8	5	2	45	8	2	4	5	2	21	3	13	4	1	7	11	..	39	6	2	5	13	4	9	13	..	185	September.
Quarter, 3rd	2	8	..	19	5	34	17	27	45	25	111	12	27	17	13	12	10	97	14	7	9	8	13	49	13	36	11	15	15	34	1	124	16	4	13	33	9	25	34	..	492	Quarter, 3rd.
October	..	4	1	4	4	13	7	6	11	2	26	8	10	6	5	3	6	29	1	9	1	..	4	15	2	11	4	3	6	6	..	44	3	1	6	15	3	13	16	..	168	October.
November	..	3	..	3	2	8	6	8	13	5	32	7	8	1	4	2	2	24	2	5	3	2	1	13	3	13	3	10	3	12	..	49	2	1	3	7	3	8	11	..	152	November.
Dec-mber	..	2	..	2	2	6	5	6	15	11	40	4	5	2	5	3	5	24	6	2	2	1	3	14	1	11	2	3	4	13	..	35	5	1	3	9	7	12	19	..	149	December.
Quarter, 4th	..	7	1	9	10	27	21	20	39	18	98	19	23	9	14	10	20	95	9	17	6	2	6	40	23	35	9	21	13	31	..	133	10	3	12	31	13	33	46	..	469	Quarter, 4th.
Year	4	27	2	57	20	110	67	88	141	79	375	47	75	43	55	52	53	345	54	44	22	16	24	160	66	139	39	76	51	155	1	527	67	13	49	128	48	125	173	..	1818	Year.

	A						B					C						D					E							F			G			Harbour and Docks, Railways and Homeless.	TOTAL.	
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chakla.	Umerkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Panaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chaupati.	Walkeshwar.	Mahalakshmi.	Total.	Mazagon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.		
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2			
	A						B					C						D					E							F			G					

XXIX.

ABSTRACT of the METEOROLOGICAL OBSERVATIONS supplied by the BOMBAY OBSERVATORY during the year beginning 1st January 1903.

MONTHS.	PRESSURE OF AIR. (Barometer 37½ feet above the mean sea-level, and reduced to 32° Fahr.)			TEMPERATURE OF AIR IN THE SHADE. Degree Fahr.			HYDROMETRIC STATE OF AIR. Dew Point, Degree Fahr.			HYDROMETRIC STATE OF AIR. Humidity.		WIND. Daily Mean Number of Hours.		RAIN AT COLABA.		RAIN AT BYCULLA.		MONTHS.
	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	From Sea.	From Land.	Inches.	On No. of Days.	Inches.	On No. of Days.	
January	29·960	·114	·240	74·4	9·6	21·7	62·2	5·4	25·1	·69	·26	11	13	...	...	...	...	January.
February	29·979	·125	·307	74·5	11·0	25·4	62·1	7·3	30·3	·66	·31	14	10	...	...	...	...	February.
March	29·882	·113	·236	76·7	9·4	18·5	66·9	5·6	27·8	·73	·34	18	6	0·17	1	0·35	1	March.
Quarter, 1st	29·940	·117	·261	75·2	10·0	21·9	64·1	6·1	27·7	·69	·30	14	10	0·17	1	0·35	1	Quarter, 1st.
April	29·811	·115	·329	82·2	8·9	20·7	71·9	4·7	24·5	·72	·29	23	4	...	...	...	...	April.
May	29·759	·112	·373	84·2	7·4	14·8	75·8	2·5	9·6	·76	·22	20	4	7·79	6	7·65	6	May.
June	29·685	·088	·265	83·6	5·5	13·0	77·5	2·5	6·9	·82	·18	19	5	19·75	19	10·92	15	June.
Quarter, 2nd	29·752	·105	·322	83·3	7·3	16·2	75·1	3·2	13·7	·77	·23	21	4	27·54	25	18·57	21	Quarter, 2nd.
July	29·603	·084	·402	81·3	3·3	10·9	77·2	2·2	7·1	·88	·12	21	3	24·82	29	30·38	29	July.
August	29·707	·083	·270	80·8	4·4	10·9	76·1	2·4	5·6	·86	·15	24	...	18·23	26	22·96	25	August.
September	29·763	·098	·274	81·4	5·4	10·7	76·2	2·3	6·5	·84	·10	19	5	7·82	24	11·80	24	September.
Quarter, 3rd	29·691	·088	·315	81·2	4·5	10·8	76·5	2·3	6·4	·86	·12	21	3	50·87	79	65·14	78	Quarter, 3rd.
October	29·796	·111	·265	81·9	7·7	16·8	73·7	4·5	18·7	·77	·31	14	10	5·91	6	6·04	4	October.
November	29·891	·109	·265	79·1	10·4	18·3	69·0	5·9	24·2	·72	·25	11	13	...	...	...	...	November.
December	29·925	·116	·258	76·2	11·9	32·0	63·4	8·4	33·7	·66	·29	9	15	...	...	...	...	December.
Quarter, 4th	29·871	·112	·263	79·1	10·0	22·4	68·7	6·3	25·5	·72	·28	11	13	5·91	6	6·04	4	Quarter, 4th.
Year	29·818	·105	·290	79·7	7·9	17·8	71·1	4·5	18·3	·76	·23	17	7	84·49	111	90·10	104	Year.

Appendix A.

Government Observatory, Colaba, Bombay.

AGGREGATE AND MEAN VELOCITIES AND RELATIVE FREQUENCY OF DIFFERENT WINDS, 1903.

TABLE showing for the year 1903 the Sums of the Velocities, and the Mean Velocities, in miles per hour, of the Winds which blew in each Month, from each of the Sixteen Principal Directions, and also the number of hourly Observations which those sums comprise; the latter numbers indicating the Relative Frequency of the same Wind (as to directions) in the several months, and of different Winds during the same Month.

1903.	N.			NNE.			NE.			ENE.			E.			ESE.			SE.			SSE.					
Month.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	Sum of Velocities.	Number of Observations	Mean Velocity.	No. of Observations. Calm.	No. of Observations. Variable.	No. of hours. Record lost.
	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles			
January ...	1155	141	8·2	402	69	5·8	316	51	6·2	520	75	6·9	338	48	7·0	44	7	6·3	0	0	0·0	12	2	6·0			
February ..	1051	137	7·7	308	46	6·7	297	42	7·1	376	39	9·6	37	7	5·3	0	0	0·0	7	1	7·0	0	0	0·0			
March	620	76	8·2	302	45	6·7	131	20	6·5	114	17	6·7	53	7	7·6	15	3	5·0	19	3	6·3	18	3	6·0			
April	492	71	6·9	172	23	7·5	42	7	6·0	43	6	7·2	24	4	6·0	0	0	0·0	49	10	4·9	54	6	9·0			
May	151	21	7·2	64	13	4·9	239	11	21·7	286	12	23·8	205	11	18·6	188	11	17·1	359	17	21·1	421	26	16·2			
June	25	2	12·5	36	3	12·0	22	6	4·3	35	4	8·7	185	13	14·2	50	5	10·0	272	21	13·0	1681	95	17·7			
July	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	70	6	11·7	0	0	0·0	228	22	10·4	825	60	13·7			
August ..	18	1	18·0	7	1	7·0	0	0	0·0	7	1	7·0	7	1	7·0	19	2	9·5	0	0	0·0	0	0	0·0			
September	81	17	4·8	17	5	3·4	95	19	5·0	89	17	5·2	104	16	6·5	199	28	7·1	112	20	5·6	326	25	13·0			
October ...	245	45	5·4	115	21	5·5	319	45	7·1	715	98	7·3	364	43	8·5	32	4	8·0	112	21	5·3	342	36	9·5			
November..	557	83	6·7	221	40	5·5	464	70	6·6	1062	125	8·5	334	41	8·1	127	21	6·0	23	4	5·7	90	14	6·4			
December..	760	105	7·2	139	27	5·2	730	93	7·7	1306	140	9·3	589	77	7·6	35	6	5·8	0	0	0·0	0	0	0·0			
Year...	5155	702	7·3	1783	293	6·1	2662	366	7·3	4553	529	8·6	2360	274	8·6	709	87	8·1	1181	119	10·0	3769	267	14·1			

1903.	S.			SSW.			SW.			WSW.			W.			WNW.			NW.			NNW.					
	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles			
January ...	28	5	5·6	14	3	4·7	5	1	5·0	126	26	4·8	88	14	6·3	231	33	7·0	1285	112	11·5	2208	156	14·2	1	0	0
February..	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	524	45	11·6	2283	192	11·9	1968	163	12·1	0	0	0
March	8	1	8·0	26	7	3·7	9	2	4·5	90	12	7·5	103	9	11·4	1381	158	8·7	3093	234	13·2	1592	141	11·3	6	0	0
April	319	37	8·6	236	40	5·9	203	44	4·6	464	64	7·2	348	45	7·7	902	96	9·4	2371	183	13·0	987	77	12·8	5	2	0
May	366	16	22·9	265	38	7·0	402	54	7·4	566	63	9·0	992	133	7·5	1746	167	10·5	858	96	8·9	880	49	7·8	3	0	0
June	1507	92	16·4	562	57	9·9	281	45	6·2	729	91	8·0	1540	160	9·6	828	104	8·0	126	16	7·9	43	6	7·2	0	0	0
July.....	445	35	12·7	521	52	10·0	669	57	11·7	3078	195	15·8	5897	306	19·3	135	11	12·3	0	0	0·0	0	0	0·0	0	0	0
August ...	0	0	0·0	70	8	8·7	330	39	8·5	2846	222	12·8	4655	351	13·3	1050	92	11·4	255	21	12·2	85	5	17·0	0	0	0
September	199	12	9·1	152	22	7·4	126	18	7·0	647	86	9·8	2691	244	11·0	976	111	8·8	478	55	8·7	336	28	5·4	0	0	0
October ...	182	19	9·6	124	19	6·5	14	3	4·7	46	8	5·7	358	44	8·1	1359	114	10·2	1425	154	9·3	617	70	8·8	5	0	0
November..	75	14	5·4	55	9	6·1	13	3	4·3	29	4	7·2	166	23	7·2	556	68	8·8	1323	126	10·5	833	75	11·1	0	0	0
December..	0	0	0·0	0	0	0·0	0	0	0·0	0	0	0·0	88	13	6·8	388	46	8·4	1191	111	10·7	1467	124	11·8	6	0	0
Year...	3039	231	13·2	2035	255	8·0	2052	266	7·7	8820	771	11·4	16956	1342	12·6	9916	1045	9·5	14689	1300	11·3	10315	891	11·6	20	2	0

Appendix B.

MEMORANDUM of DEATHS, including Still-born, for the Year beginning 1st January 1903.

MONTHS.	Bodies how disposed of.			Place of Birth.			Residence of Families.			Reports.			Number of Deaths not tabulated.
	Buried.	Burnt.	Exposed.	Bombay.	Elsewhere.	Unknown.	Bombay.	Elsewhere.	Unknown.	Written.	Verbal.	Total.	
January	2,666	2,303	135	1,819	3,160	125	562	4,417	125	988	4,116	5,104	6
February	3,247	3,365	152	2,069	4,571	124	746	5,894	124	1,140	5,624	6,764	4
March	4,228	4,906	161	2,676	6,455	164	1,095	8,036	164	1,098	8,197	9,295	14
April	4,232	4,570	177	2,598	6,197	184	1,021	7,774	184	1,151	7,828	8,979	11
May	2,262	1,731	122	1,459	2,560	96	565	3,454	96	688	3,427	4,115	11
June	1,641	1,154	93	1,193	1,634	61	507	2,320	61	602	2,286	2,888	5
July	1,545	887	109	1,123	1,378	40	455	2,046	40	513	2,028	2,541	8
August	1,448	994	117	1,170	1,332	57	477	2,025	57	546	2,013	2,559	1
September	1,484	904	96	1,138	1,308	38	451	1,995	38	599	1,885	2,484	8
October	1,416	922	106	1,053	1,337	54	461	1,929	54	590	1,854	2,444	9
November	1,419	868	79	990	1,275	101	439	1,826	101	609	1,757	2,366	4
December	1,667	1,019	106	1,157	1,549	86	505	2,201	86	830	1,962	2,792	3
Total	27,255	23,623	1,453	18,445	32,756	1,130	7,284	43,917	1,130	9,354	42,977	52,331	84*

* The deaths refer to those of persons who died out of Bombay and whose bodies were buried in Bombay. The number also includes still-births.

LICENSE DEPARTMENT.

REPORT OF SORABJI BOMANJI MASTER, ESQUIRE, SUPERINTENDENT OF LICENSES, FOR THE FINANCIAL YEAR 1903-04, SUBMITTED UNDER HIS No. 1, DATED 5TH APRIL 1904.

I have the honour to submit my Administration Report as regards the working of the License Department for the year 1903-04.

Dr. K. B. Shroff acted as Superintendent of Licenses from the beginning of the official year up to the 7th day of January last, during which period I acted as Revenue and Refund Audit Officer.

I append a tabulated statement showing the amount of fees collected and the number of licenses issued under each head of licensable commodities during the year under report.

The income from all these up to 31st March last, including Rs. 621 collected for the previous year during 1903-04, was Rs. 73,830, that is, Rs. 8,830 in excess of the amount estimated in the Budget, and Rs. 1,802 more than the revenue of the last year.

I have been enabled this year to present a report far more satisfactory than that of any of the preceding years. In fact, this is a record year for the License Department as will be seen from the total of the revenue collected and the statement given below :—

Official year.	No. of Licences issued.	Revenue from License Fees.	Remarks.
		Rs. a. p.	
1890-91	3,235	36,417 8 0	
1891-92	4,110	46,383 0 0	
1892-93	4,833	54,996 8 0	
1893-94	5,407	60,507 8 0	
1894-95	5,701	63,914 8 0	
1895-96	5,880	65,048 8 0	
1896-97	5,130	56,462 8 0	
1897-98	5,750	63,741 8 0	
1898-99	5,588	60,646 8 0	
1899-1900	5,831	63,732 8 0	
1900-01	5,912	63,689 0 0	
1901-02	6,154	67,516 0 0	
1902-03	6,538	72,028 0 0	
1903-04	6,474	73,830 0 0	

I should have presented a still more satisfactory report as regards revenue, had it not been for the facts stated below :—

(1) Owing to depression in trade 37 tanneries at Dharavie, each paying a fee of Rs. 65, were closed during the whole of the year, and consequently did not get their licenses renewed.

(2) Licenses were refused in case of 33 oil presses each paying from Rs. 5 to Rs. 15, as the buildings in which they were situated were pronounced to be unsuitable for the trade.

(3) Several licenses for firewood shops under dwelling-houses have been refused. A few of such places which were licensed before the issue of the Commissioner's order on this subject, will also be refused licenses for the current year.

(4) Several Milch Cattle Stables located in the populous parts of the City have been closed during the year under the advice of the Executive Health Officer.

The "rule nisi" issued last year under the Specific Relief Act against the Municipal Commissioner to show cause why the licenses for certain Milch Cattle Stables should not be renewed, was dismissed with costs and the High Court held that the Municipal Commissioner was the only authority who had the power, under the Municipal Act, to decide whether or not a place was fit to be licensed for a certain trade.

The closing of several Milch Cattle Stables in the City have forced up the rents of those stables which are lucky enough to have their licenses renewed. The rent which was only Rs. 1-8 a head only 2 years ago has now gone up to Rs. 2-8 and Rs. 3 and even at this rate it is very difficult to get accommodation in the existing stables. The Magistrates have often remarked, when licensees were prosecuted for having kept animals in their stables in excess of the licensed number, for want of accommodation elsewhere, whether the Municipality should not take steps to provide accommodation for the buffaloes thrown out of the stables which have been forcibly closed, for the sake of public health.

The question of licensing Railway premises for storing licensable commodities, is still under the consideration of the Government of India, and the question arises, whether the Municipality would be able hereafter to recover from the Railway Companies all the arrears of the license fees which they have not paid for the last two years, and to which the Municipality is lawfully entitled under the opinion given by the Counsel and the Municipal Solicitors.

The number of prosecutions conducted during the year against persons for carrying on trades subject to licenses, without licenses, or for infringing the conditions thereof amounted to 2,307 against 1,899 instituted during the year 1902-03.

The total of fines recovered during the year under report amounted to Rs. 4,247.

A.

YEARLY Total of License Fees (with Process Fees) recovered during 1903-1904.

Nos. of Licenses issued.	Nature of Trade.	License Fee. Rs. a.	Process Fee. Rs. a.
6	Bones	120 0	.....
21	Bricks (Hand-made)	210 0	8 8
3	Candles	15 0	0 8
2	Catgut	30 0	.....
36	China Grass, Cocoanut Fibre, Flax, Hemp, Jute and Tow..	560 0	2 0
241	Charcoal	1,945 0	32 0
108	Coal and Coke	1,730 0	4 0
38	Cloths in Indigo Dyeing (Hand-power and M-P.). ...	990 0	3 8
127	Do. in other Colours, Dyeing (Hand-power and Machine-power)	1,237 0	16 8
147	Chemical Preparations	2,281 0	11 0
63	Cotton (Storing and Pressing)	1,700 0	8 8
158	Cotton Refuse, Seeds or Waste	3,085 0	26 0
37	Dammer, Tar or Pitch	370 0	5 8
29	Fat and Tallow	435 0	5 8
13	Fins (Dried)	195 0	1 8
19	Fish („)	395 0	2 0
158	Fireworks (Retail)	790 0	7 0
22	Do. (Wholesale)	615 0	1 8
254	Firewood (Retail)	508 0	11 0
883	Do. (Wholesale)	9,560 0	89 8
3	Gas (Manufacturing)	150 0	.....
25	Gunpowder (Retail)	125 0	0 8
6	Do. (Wholesale)	300 0	0 8
17	Hides and Skins (Dried)	255 0	2 8
13	Do. (Raw)	650 0	.....
17	Do. („) and Wool...	1,105 0	3 0
22	Horns and Hoofs	595 0	1 8
151	Hay, Straw and Grass	3,455 0	29 0
1,179	Kerosine Oil (Retail)	5,895 0	100 0
51	Do. (Wholesale)	3,835 0	1 8
15	Lime for Burning (Lime-kiln)	750 0	5 0
450	Matches (Retail)	906 0	24 8
18	Do. (Wholesale)	525 0	2 0
173	Metals (Casting)	2,108 0	21 8
92	Oil (Ghanets) Mills	787 0	13 8
2	Oils (Mills) prepared by Mechanical Power	85 0	.....
283	Oils (Storing)	5,100 0	26 0
32	Petroleum Oil (Retail) under Municipal Act	160 0	0 8
23	Do. under Petroleum Act	69 0	.....
5	Do. (Wholesale)...	125 0	.....
1	Paper (Manufacturing)	15 0	.....
15	Pottery (Do.)	75 0	0 8
3	Rags	45 0	.....
3	Rangoon or Burmah Oil	25 0	.....
10	Rosin	50 0	1 0
18	Saltpetre	90 0	.....
37	Sulphur (Retail)	185 0	1 0
9	Do. (Wholesale)	135 0	.....
10	Silk (Dyeing)	50 0	.....
15	Soap (Manufacturing)	225 0	2 0
20	Sugar Refineries	485 0	0 8
78	Stable for Horses	2,085 0	2 0
95	Do. Milch-Cattle	4,555 0	4 8
62	Do. Bullocks	600 0	3 0
3	Do. other four-footed animals	15 0	.....
883	Timber	8,455 0	186 0
111	Turpentine (Retail)	555 0	5 8
8	Do. (Wholesale)	120 0	.....
51	Wool	1,425 0	3 0
48	Waste-paper	48 0	4 0
22	Whistle (Steam)	220 0	.....
6,444	GRAND TOTAL Rs. ...	73,209 0	680 8

B.

STATEMENT showing the Amount of License Fees (with Process Fees) for 1902-1903 recovered in 1903-1904.

No. of Licenses issued.	Nature of Trade.	License Fee.	Process Fee.
		Rs. a.	Rs. a.
1	Bones	25 0	1 0
1	Bricks (Manufacturing)	10 0	1 0
1	Charcoal	5 0	0 8
2	Coal	20 0	.....
1	Chemical Preparation	5 0	.....
6	Firewood (Wholesale)	50 0	4 0
2	Hides and Skins (Raw)	100 0	0 8
1	Do. (Raw and wool)	65 0	0 8
1	Hides (Dried)	15 0	0 8
2	Hay	35 0	0 8
1	Kerosine Oil (Retail)	5 0	0 8
1	Oil (Storing)	30 0	0 8
1	Stable for Horses	75 0	.....
1	Do. Milch Cattle	40 0	.....
7	Timber	136 0	2 8
1	Turpentine (Retail)	5 0	.....
30	TOTAL Rs. ...	621 0	12 0

SUMMARY OF INCOME FOR 1903-1904.

No. of Licenses issued.	Official Year during which collection was made.	License Fee.	Process Fee.	REMARKS.
		Rs. a.	Rs. a.	
30	Income for 1902-1903 collected during the official year 1903-1904.	621 0	12 0	*Vide* Statement marked **B.**
6,444	Income for 1903-1904 collected from 1st April 1903 to 31st March 1904	73,209 0	680 8	*Vide* Statement marked **A.**
6,474	TOTAL ... Rs.	73,830 0	692 8	

1.—MARKETS.

Report of the Superintendent of Markets and Slaughter Houses received under his No. 828 of 7th June 1904.

1. The total amount of stallages from the different Municipal Markets, recoverable every quarter or half-year, under the terms of Section 407 (*a*) and (*c*) at the opening of the year, amounted to Rs. 48,563 against Rs. 48,752 at the closing of the year, showing an increase of Rs. 189, which is due to the right of occupancy of some of the stalls in the different Municipal Markets having been sold by auction for a higher sum during the year under report. The following is the detailed statement :—

Names of Markets.	Rent per quarter as appearing at the opening of the year.	Rent per quarter as appearing at the closing of the year.	Increase.	Decrease.	Net Increase.	REMARKS.
	Rs.	Rs.	Rs.	Rs.	Rs.	
Colaba Market	316	318	2	...	Rs. 189-0-0.	
Fort do.	4,788	4,783	...	5		Half-yearly.
A. C. Fruit and Vegetable Market ...	15,335	15,541	206	...		
Do. Fish and Mutton Market ...	2,617	2,629	12	...		
Do. Mutton Market (new)	950	955	5	...		
Do. Beef Market	2,634	2,634	...	...		
Godowns	1,553	1,573	20	...		
Fowl Rooms	858	867	9	...		
Erskine Road Fruit and Vegetable Market (old) ...	6,545	6,520	...	25		
Do, do. do. (new) ...	2,448	2,446	...	2		
Do. do. Mutton Market ...	2,523	2,509	...	14		
Bhuleshwar Market	3,179	3,163	...	16		
Pedder do.	472	476	4	...		
Foras Road do.	345	345	...	...		
Pork do.	100	100	...	...		Yearly.
DeLisle Road Sheep Market	3,593	3,593	...	...		Half-yearly.
Fergusson Road Market	307	300	...	7		
Total ...	48,563	48,752	258	69		

2. The total amount of stall rents (exclusive of departmental squatters' fees and squatters' fees recovered from contractors) collected during the year under report, on the basis of the scale shown above, amounted to Rs. 1,54,720-4-6 against Rs. 1,53,485-0-8 in the previous year, showing an increase of Rs. 1,235-3-10. It will be observed on reference to the statement in the margin that some of the stalls that were vacant in the previous year were occupied during the year under report. This, coupled with the fact that the right of occupancy of some stalls was put up to auction during the year under report and higher rents obtained for them, accounts for an increase in stall rents as shown above.

Names of Markets.	Total number of stalls.	Average number of stalls vacant in each quarter in 1903-1904.	Average number of stalls vacant in each quarter in 1902-1903.
Colaba Market	70	35	34
Fort Market	266	59	60
A. C. Fruit and Vegetable Market	562	36	33
Do. Fish and Mutton Market	119	46	47
Do. Mutton Market (new)	48	19	17
Do. Beef Market	77	..	..
Godowns	28	..	..
Fowl rooms	29	1	1
Erskine Road Fruit and Vegetable Market (old) ..	426	41	37
Do. do. do. do. (new) ..	128	59	58
Do. Mutton Market	114	38	43
Bhuleshwar Market	162	22	27
Pedder Market	40	7	7
Foras Road Market	68	48	48
Pork Market	2	..	..
DeLisle Road Sheep Market	50	..	..
Fergusson Road Market	28	1	1
Total ..	2,237	412	416

The following is an explanatory statement which will show in detail the difference in stall rents on account of the total or partial vacancy of stalls as also the subsequent alterations in stall rents on account of rise or fall in rents at the auction sale during the year under report contrasted with those in the previous year :—

Names of Markets.	Annual rent recoverable as based on the quarterly or half-yearly rents as appearing at the opening of the year.	Difference in collection of rents during the year on account of rise or fall in rents.		Difference in collection of rents during the year on account of total or partial vacancy of stalls.	Net increase.	Net decrease.	Actual amount recovered during the year (difference of columns 5, 6 and 7).	Remarks.
		Increase.	Decrease.					
1	2	3	4	5	6	7	8	9
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	1,264 0 0	4 0 6	.....	491 5 0	.....	487 4 6	776 11 6	
Fort Market	9,419 0 0	12 0 0	8 8 0	2,240 8 0	.....	2,246 0 0	7,173 0 0	
A. C. Fruit and Vegetable Market	61,340 0 0	351 4 6	349 2 0	2,379 4 8	.....	2,377 2 2	58,962 13 10	
Do. Fish and Mutton Market	10,468 0 0	23 3 8	.....	3,019 5 9	.....	2,998 2 1	7,471 15 11	
Do. Mutton Market (new)	3,800 0 0	15 0 0	.....	1,062 13 6	.....	1,047 13 6	2,752 2 6	
Do. Beef Market	10,536 0 0	.....	.....	4 10 4	.....	4 10 4	10,531 5 8	
Godowns	6,312 0 0	60 0 0	.....	.....	60 0 0	.....	6,372 0 0	
Fowl rooms	3,432 0 0	6 9 6	.....	87 12 8	.....	81 3 2	3,350 12 10	
Erskine Road Fruit and Vegetable Market (old)	26,180 0 0	9 11 11	37 6 5	2,411 8 3	.....	2,439 2 9	23,740 13 3	
Do. do. do. (new)	9,792 0 0	.....	1 10 0	4,279 6 0	.....	4,281 0 0	5,511 0 0	
Do. Mutton Market	10,092 0 0	31 3 11	44 14 8	2,754 6 11	.....	2,768 1 8	7,322 14 4	
Bhuleshwar Market	12,712 0 0	60 5 4	47 3 7	1,925 10 5	.....	1,912 8 8	10,803 7 4	
Pedder Market	1,678 0 0	6 10 8	.....	311 13 4	.....	305 2 8	1,372 13 4	
Foras Road Market	2,280 0 0	.....	.....	1,090 0 0	.....	1,090 0 0	290 0 0	
Fork Market	100 0 0	.....	.....	.....	.....	.....	100 0 0	
DeLisle Road Sheep Market	7,186 0 0	.....	.....	.....	.....	.....	7,186 0 0	
Fergusson Road Market	1,228 0 0	.....	4 9 4	121 14 8	.....	126 8 0	1,101 8 0	
Total for 1903-1904	1,76,823 0 0	580 2 0	493 6 0	22,189 7 6	60 0 0	22,162 11 6	1,54,720 4 6	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	1,264 0 0	.....	.....	467 14 0	.....	467 14 0	796 2 0	
Fort Market	9,526 0 0	.....	.....	2,428 6 0	.....	2,428 6 0	7,097 10 0	
A. C. Fruit and Vegetable Market	61,164 0 0	179 13 0	.....	2,114 6 1	.....	2,084 9 1	58,229 6 11	
Do. Fish and Mutton Market	10,464 0 0	1 0 0	.....	3,145 7 9	.....	3,144 7 9	7,319 8 3	
Do. Mutton Market (new)	3,788 0 0	8 0 0	.....	959 8 0	.....	951 8 0	2,836 8 0	
Do. Beef Market	10,536 0 0	.....	.....	.....	.....	.....	10,536 0 0	
Godowns	6,312 0 0	.....	.....	.....	.....	.....	6,312 0 0	
Fowl rooms	3,432 0 0	.....	.....	101 13 4	.....	101 13 4	3,330 2 8	
Erskine Road Fruit and Vegetable Market (old)	25,695 0 0	468 4 8	.....	2,784 6 8	.....	1,696 2 0	22,959 14 0	
Do. do. do. (new)	9,792 0 0	.....	.....	4,324 0 0	.....	4,324 0 0	5,468 0 0	
Do. Mutton Market	10,284 0 0	.....	83 8 10	3,097 8 1	.....	3,181 0 11	7,102 15 1	
Bhuleshwar Market	12,608 0 0	40 12 10	.....	2,141 11 8	.....	2,100 14 11	10,507 1 1	
Pedder Market	1,478 0 0	.....	.....	306 0 0	.....	306 0 0	1,172 0 0	
Foras Road Market	1,980 0 0	.....	.....	1,087 0 0	.....	1,087 0 0	893 0 0	
Fork Market	100 0 0	.....	.....	.....	.....	.....	100 0 0	
DeLisle Road Sheep Market	7,186 0 0	.....	.....	.....	.....	.....	7,186 0 0	
Fergusson Road Market	1,228 0 0	.....	30 0 0	119 8 4	.....	149 8 4	1,138 12 8	
Total for 1902-1903	1,76,368 0 0	717 14 6	113 8 10	23,477 5 0	.....	22,872 15 4	1,53,485 0 8	

3. The amount of stall rents in detail, during the year under report, contrasted with those in the previous four years is as under :—

Names of Markets.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.	Difference as compared with 1902-1903.		Remarks.
						Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	860 10 0	880 6 0	804 14 0	796 2 0	776 11 6	.....	19 6 6	
Fort Market...	6,946 8 0	7,364 4 0	7,222 10 9	7,097 10 0	7,173 0 0	75 6 0	.....	
A. C. Fruit and Vegetable Market ...	54,873 7 2	56,493 6 5	57,313 0 7	58,229 6 11	58,962 13 10	733 6 11	.....	
Do. Fish and Mutton Market	7,141 8 9	7,307 4 0	7,266 2 0	7,319 8 3	7,471 13 11	152 5 8	.....	
Do. Mutton Market (new)	3,113 8 0	3,110 0 0	3,109 8 0	2,836 8 0	2,752 2 6	.....	84 5 6	
Do. Beef Market	10,477 4 0	10,644 0 0	10,546 2 0	10,536 0 0	10,531 5 8	.....	4 10 4	
Godowns	6,212 0 0	6,212 0 0	6,212 0 0	6,212 0 0	6,272 0 0	60 0 0	.....	
Fowl rooms	3,394 8 0	3,377 0 0	3,360 2 8	3,330 2 8	3,350 12 10	20 10 2	.....	
Erskine Road Fruit and Vegetable Market (old)...	23,328 2 8	23,717 10 0	23,809 3 7	23,959 14 0	23,740 13 3	.....	219 0 9	
Do. do. (new)...	5,494 9 4	5,522 12 0	5,211 4 0	5,468 0 0	5,511 0 0	43 0 0	.....	
Do. Mutton Market	7,201 12 0	7,520 9 4	7,324 5 10	7,162 15 1	7,323 14 4	220 15 3	.....	
Bhuleshwar Market	9,239 1 4	9,896 6 8	10,120 0 0	10,507 1 1	10,803 7 4	296 6 3	.....	
Pedder Market	1,245 6 0	1,274 0 0	1,335 6 0	1,372 0 0	1,372 13 4	0 13 4	.....	
Foras Road Market...	330 0 0	320 11 4	347 6 0	293 0 0	290 0 0	.....	3 0 0	
Pork Market...	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	.....	.....	
DeLisle Road Sheep Market	7,140 0 0	7,140 0 0	7,155 8 7	7,186 0 0	7,186 0 0	.....	.....	
Fergusson Road Market	1,129 2 0	1,102 12 0	1,036 13 7	1,138 12 8	1,101 8 0	.....	37 4 8	
Total ...	1,48,227 7 3	1,51,983 1 9	1,52,344 7 7	1,53,485 0 8	1,54,720 4 6	.....	.....	
Increase over preceding year's rent ...	3,448 4 7	3,755 10 6	361 5 10	1,140 9 1	1,235 3 10	.....	.....	
Decrease over preceding year's rent ..	.....	.....	.....	.....	.....	.....	.....	

4. The squatters' fees from Fish Markets, scale fees in the Crawford Markets compound, and the Fair Ground Rent and the Feeding Fees at the Bandora Slaughter Houses, recovered from the contractors during the year under report, amounted to Rs. 1,19,535 against Rs. 1,06,265 in the previous year, showing an increase of Rs. 13,270. These rights as usual were put up to auction by the Municipal Auctioneers, and the sale was approved of by the Standing Committee except in the case of the Foras Road Market, the fees of which were ordered to be collected departmentally, pending its being closed. There was nothing unusual when the Markets rights were put up to auction, and the sale went on quietly, but the sale of the right to collect the Fair Ground Rent and the Feeding Fees at the Bandora Slaughter Houses, showed very keen competition and the highest bid went up to Rs. 81,625, that is, Rs. 12,125 in excess of the previous year's amount. This was the highest amount realised ever since the opening of the Slaughter Houses.

In the following statement are contrasted in detail the fees recovered from the different contractors during the year under report with those in the previous four years:—

Particulars.	1899-1900.	1900-1901.	1901-1902.	1902-1903.	1903-1904.	Difference as compared with 1902-1903.		Remarks.
						Increase.	Decrease.	
	Rs.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs.	Rs. a. p.	
Fort Market ...	1,250	1,700 0 0	1,900 0 0	1,800	1,850	50	.....	Fees collected departmentally in 1903-04.
A. C. Beef and A. C. Fish Markets...	5,350	6,800 0 0	6,800 0 0	6,700	7,475	775	.....	
Erskine Road Fish Market	13,000	16,850 0 0	15,800 0 0	17,150	17,600	450	.....	
Pedder Market ...	1,050	1,400 0 0	1,700 0 0	1,975	1,800	...	175 0 0	
Foras Road Market.	60	35 0 0	35 0 0	165	...	...	*165 0 0	* Amount paid in excess by the Colaba Market contractor in his instalment for the month of April 1900.
Colaba Market ...	875	1,100 0 0 *0 5 4	1,050 0 0	1,075	985	...	90 0 0	
Fergusson Road Market	800	1,125 0 0	1,300 0 0	1,300	1,200	...	100 0 0	
Total Squatters' Fees	22,385	29,010 0 0 0 5 4	28,585 0 0	30,165	30,910	...	.....	
Scale fees at the A. C. Market compound	4,700	6,500 0 0	6,700 0 0	6,600	7,000	400	.....	
Fair Ground Rent and Feeding Fees at Bandora ...	66,000	66,500 0 0	69,200 0 0	69,500	81,625	12,125	.....	
GRAND TOTAL ...	93,085	1,02,010 5 4	1,04,485 0 0	1,06,265	1,19,535			
Increase over preceding year's amount	13,560	8,925 5 4	2,474 10 8	1,780	13,270			
Decrease over preceding year's amount	...	.....	.....	...	...			

5. The squatters' fees collected departmentally in the several Municipal markets during the year under report amounted to Rs. 4,241-11-9 against Rs. 3,964-6-9 in the previous year showing an increase of Rs. 277-5-0. This increase is partly due to greater number of squatters having occupied places under the eaves of the Erskine Road Fruit and Vegetable Market and partly to the fees of the Foras Road Market having been collected departmentally as stated in

para. 4. In the following statement are contrasted the fees recovered during the year under report with those in the previous year :—

Names of Markets.	1903-1904.	1902-1903.	Difference.		Remarks.
			Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Fort Market	11 7 0	5 12 0	5 11 0	.....	
A. C. Fruit and Vegetable Market	191 5 0	221 14 0	.....	30 9 0	
Erskine Road Fruit and Vegetable Market	1,973 0 9	1,783 2 3	189 14 6	.....	
Bhuleshwar Market.... ...	1,325 2 6	1,313 4 0	11 14 6	.....	
Colaba Market...	46 5 0	47 0 0	.....	0 11 0	Net Increase, Rs. 277-5-0.
Fergusson Road Market ...	599 9 6	593 6 6	6 3 0	.....	
Foras Road Market	94 10 0	.....	94 10 0	.....	
Pedder Market	0 4 0	.....	0 4 0	.....	
Total ...	4,241 11 9	3,964 6 9	308 9 0	31 4 0	

6. For ready reference, the total receipts from each market (that is, stall rents, squatters' fees collected departmentally and squatters' fees from the contractors added together) during the year under report have been shown in the following statement :—

Names of Markets.	Stall Rents.	Squatters' fees collected departmentally.	Squatters' fees from Contractors.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Colaba Market	776 11 6	46 5 0	985 0 0	1,808 0 6
Fort Market	7,173 0 0	11 7 0	1,850 0 0	9,034 7 0
A. C. Fruit and Vegetable Market	58,962 13 10	191 5 0	.....	59,154 2 10
Do. Fish and Mutton Market	7,471 13 11	.....	7,475 0 0	14,946 13 11
Do. Mutton Market (new)	2,752 2 6	.....	.....	2,752 2 6
Do. Beef Market	10,531 5 8	.....	.....	10,531 5 8
Do. Market Scale Fees	.....	.....	7,000 0 0	7,000 0 0
Godowns	6,272 0 0	.....?	.....	6,272 0 0
Fowl rooms	3,350 12 10	.....	.....	3,350 12 10
Crawford Markets, Total ...	89,341 0 9	191 5 0	14,475 0 0	1,04,007 5 9
Erskine Road Fruit and Vegetable Market (old) ...	23,740 13 3	1,973 0 9	.....	25,713 14 0
Do. do. do. (new) ...	5,511 0 0	.....	.....	5,511 0 0
Do. Mutton Market...	7,323 14 4	.....	.....	7,323 14 4
Do. Fish Market	.....	.....	17,600 0 0	17,600 0 0
Erskine Road Markets, Total ...	36,575 11 7	1,973 0 9	17,600 0 0	56,148 12 4
Bhuleshwar Market	10,803 7 4	1,325 2 6	.....	12,128 9 10
Pedder Market	1,372 13 4	0 4 0	1,800 0 0	3,173 1 4
Foras Road Market	290 0 0	94 10 0	.....	384 10 0
Pork Market	100 0 0	.....	.....	100 0 0
DeLisle Road Sheep Market	7,186 0 0	.....	.....	7,186 0 0
Fergusson Road Market	1,101 8 0	599 9 6	1,200 0 0	2,901 1 6
GRAND TOTAL ...	1,54,720 4 6	4,241 11 9	37,919 0 0	1,96,872 0 3

7. The revenue from other sources, comprising the following heads, was Rs. 2,002-13-6 against Rs. 1,892-8-9 in the previous year, showing an increase of Rs. 110-4-9 as detailed against each head in the following statement :—

Particulars.	1903-1904.	1902-1903.	Difference. Increase.	Difference. Decrease.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Verifying weights and measures	1,740 4 6	1,695 8 0	44 12 6	.....	
Garden produce...	60 9 0	4 4 3	56 4 9	.....	
Prices current	100 11 0	88 0 6	12 10 6	.....	
Sale proceeds of meat or animals seized under Section 412 (2)	3 14 0	24 0 0	.....	20 2 0	Net increase, Rs. 110-4-9.
Sale proceeds of manure	48 0 0	52 0 0	.....	4 0 0	
Recovery of gas	15 0 0	15 0 0	.....	.....	
Fees for producing Office record, &c. ...	2 0 0	8 0 0	.....	6 0 0	
Fees for preparing duplicate copies of receipts	1 4 0	1 4 0	.....	.....	
Sale proceeds of wood of trees in the Markets compound	4 0 0	4 8 0	.....	0 8 0	
For tapping toddy trees at Bandora	25 8 0	.....	25 8 0	.....	
Proceeds under Section 490 after defraying Expenses	1 11 0	.....	1 11 0	.....	
Total ...	2,002 13 6	1,892 8 9	140 14 9	30 10 0	

8. As there is no appreciable difference in the several heads shown in the above statement, the detailed explanation is not necessary.

Slaughter Fees, Butchers' License Fees, &c., &c.

9. The total collection under these heads amounted to Rs. 1,74,412-11-0 during the year under report against Rs. 1,73,954-10-0 in the previous year, showing an increase of Rs. 464-9-0, as contrasted in the following statement :—

Particulars.	1903-1904.	1902-1903.	Difference. Increase.	Difference. Decrease.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Slaughter fees	1,53,425 3 0		881 1 0		
Amount of Refund of slaughter fees paid by one Husen Allisab on 14th June 1897 credited to the same head, he not having claimed the same up to now and his whereabouts not been known, *vide* Commissioner's No. 10666 of 20th July 1903	6 8 0	1,52,544 2 0	6 8 0	.....	
License fees	14,601 8 0	15,114 8 0	.....	513 0 0	
Carriage of meat for Commissariat Contractor...	48 0 0	48 0 0	.....	.....	
Ground rent	135 0 0	72 0 0	63 0 0	.....	
Chawl rent	2,363 0 0	2,336 0 0	27 0 0	.....	Net increase, Rs. 464-9-0.
Total ...	1,70,572 11 0 6 8 0	1,70,114 10 0	971 1 0 6 8 0	513 0 0	
Rent from the Commissariat Department (paid direct into the Chief Accountant's Office) ...	3,000 0 0	3,000 0 0	.....	.....	
Proceeds of blood from the Contractor	840 0 0	840 0 0	.....	.....	
Total ...	3,840 0 0	3,840 0 0	.....	.....	
GRAND TOTAL ...	1,74,412 11 0 6 8 0	1,73,954 10 0	971 1 0 6 8 0	513 0 0	

10. It will be observed on reference to the above statement that the chief item of increase is under the head of Slaughter fees. It amounts to Rs. 881-1-0. This is due to the greater number of animals, particularly buffaloes and sheep and goats, as will appear from the marginal statement, having been slaughtered during the year under report than in the previous year. Out of the total number of cows, bullocks and calves slaughtered, 107 carcasses were found cystic or diseased and had to be condemned as shewn in the following comparative statement:—

Description of animals.	Number slaughtered in 1903-1904.	Number slaughtered in 1902-1903.	Increase.	Decrease.
Buffaloes	2,825	2,658	167	.....
Cows, bullocks and calves...	35,968	39,499	.....	3,531
Sheep and goats	644,089	635,740	8,340	.....

Year.	Cystic Carcasses.	Diseased Carcasses.
1903-1904	85	22
1902-1903	140	22

11. The License fees shew a decrease of Rs. 513 and it is due to the License fee for the year under report in respect of the Parel Chawl Private Market, owned by Mr. Fazulbhai Visram, having been recovered from the Official Assignee after the closing of the accounts for that year and credited in the accounts for the current year.

12. The several foregoing statements will shew that the total receipts under all the heads detailed therein amounted to Rs. 4,54,919-0-9 during the year under report. To these total receipts should be added Rs. 500, the amount of tender deposit received from Messrs. Abdul Hoosein and Company for the supply of hay, &c., at the Bandora Slaughter Houses, forfeited and credited to the Municipal Fund (unclaimed deposits) as per Commissioner's No. 35172 of 25th February 1904, the Contractors having failed to enter into a contract for the same after the acceptance of their tender by the Standing Committee, bringing up the total to Rs. 4,55,419-0-9 against Rs. 4,39,561-10-2 in the previous year, shewing an increase of Rs. 15,857-6-7.

13. During the year under report 2,836 buffaloes, 39,599 horned cattle and 7,21,023 sheep and goats were brought on the Bandora Fair ground for examination and disposal, out of which 13 buffaloes, 1,828 horned cattle and 22,892 sheep and goats were found unfit for slaughter on inspection, and were consequently rejected, *vide* the following comparative statement. The remainder were either slaughtered for the Markets, or were otherwise disposed of, the details of which are shewn in Appendix A.

Year.	Animals presented for examination.			Animals rejected.		
	Buffaloes.	Horned cattle.	Sheep and Goats.	Buffaloes.	Horned cattle.	Sheep and Goats.
1903-1904	2,836	39,599	721,023	13	1,828	22,892
1902-1903	2,667	44,071	713,210	6	2,847	26,736

14. The total amount of refunds, for which certificates were granted on account of slaughter fees, in respect of the animals that were removed from the Slaughter Houses compound for shipping requirements was Rs. 2,495-8-0, the details of which are as under:—

Number of Cows, Bullocks or Calves removed on Board.	Amount of Refund.	Number of Sheep and Goats removed on Board.	Amount of Refund.	Total amount of Refund.
	Rs. a. p.		Rs. a. p.	Rs. a. p.
71	355 0 0	4,281	2,140 8 0	2,495 8 0

15. The fines inflicted by the Presidency Magistrates for the infringement of the provisions of the Sections of the Municipal Act and the Bye-laws pertaining to Markets and Slaughter Houses amounted to Rs. 1,193 during the year under report, against Rs. 1,378 in the previous year, as detailed below:—

Year.	Section 403 (2) (b).	Section 411 (2).	Section 411 (b).	Section 412.	Bye-laws, Chapter II, Clause 3.	Bye-laws, Chapter II, Clause 13.	Bye-laws, Chapter II, Clause 18.	Total amount of Fines.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1903-1904 ..	....	47 0 0	....	1,060 0 0	47 0 0	33 0 0	6 0 0	1,193 0 0
1902-1903 ..	10 0 0	32 0 0	25 0 0	1,208 0 0	....	....	5 0 0	1,378 0 0

16. The quantity of unwholesome food, particularly meat and fish, destroyed during the year under report, as unfit for human consumption, under the provisions of Sections 415 and 416 of the Act, was 1,21,574 lbs., against 1,03,247 lbs. in the previous year.

17. The Beef and Mutton supply during the year under report was fairly good, also the Fruit and Vegetable supply was up to mark.

Appendix A.

STATEMENT showing the number of Animals slaughtered, removed for private slaughter, &c., during the year 1903-1904.

Description of Animals.	MONTHS.												Total Number of Animals.	Total amount of Slaughter Fees.	REMARKS.
	April 1903.	May 1903.	June 1903.	July 1903.	Aug. 1903.	Sept. 1903.	Oct. 1903.	Nov. 1903.	Dec. 1903.	Jan. 1904.	Feb. 1904.	Mar. 1904.			
														Rs. a. p.	
Buffaloes	236	172	280	349	352	312	248	195	186	160	154	161	2,825	28,250 0 0	
Cows	2,400	2,709	2,574	2,487	2,189	2,357	2,666	2,746	3,095	3,237	2,934	2,951	32,345	24,258 12 0	
Bullocks	327	283	214	220	222	142	209	315	332	375	258	302	3,199	2,399 4 0	
Calves	48	46	30	14	57	24	37	48	27	28	32	33	424	318 0 0	
Sheep, Goats, &c., for Bombay ...	46,927	48,916	50,001	52,372	44,164	46,678	50,068	50,323	56,861	51,727	46,276	52,305	596,618	74,577 4 0	
Sheep, Goats, &c., for Mahim ...	2,138	2,234	2,209	2,215	1,712	1,810	2,330	2,063	2,768	3,053	2,341	2,850	27,723	1,732 11 0	
Sheep, Goats, &c., for Bandora...	1,516	1,746	1,665	1,646	1,484	1,511	1,501	1,513	1,810	1,794	1,645	1,917	19,748	1,234 4 0	
Horned cattle slaughtered by Commissariat	163	140	155	182	175	202	208	136	137	150	155	165	1,968	984 0 0	
Sheep, goats, &c., slaughtered by Commissariat	538	498	471	551	512	688	505	508	558	540	528	583	6,480	405 0 0	
Pigs slaughtered at Sonapore...	55 **2**	51 **1**	52 **5**	54 **3**	46 **3**	40 **2**	47 **3**	45 **4**	74 **8**	55	50 **4**	47 **3**	616 **38**	616 0 0 **76 0 0**	
Live horned cattle brought to Bombay	16	....	7	8	114	5	4	9	13	52 **1**	7	20	255 **1**	1,275 0 0 **5 0 0**	
Live Sheep, Goats, &c., brought to Bombay	574 **41**	638 **20**	941 **22**	1,052 **47**	747 **28**	872 **11**	710 **19**	617 **27**	475 **31**	767 **32**	1,814 **11**	672 **16**	9,879 **305**	4,939 8 0 **152 8 0**	
Live Sheep, Goats, &c., removed by DeLisle Road Sheep Market Fadkarees	1,094	1,816	2,008	1,178	1,298	1,647	1,519	1,798	1,943	1,979	3,702	2,422	24,404	12,202 0 0	
														Total Slaughter Fees, Rs. 1,53,425 3 0	

The figures in block type show the number of animals slaughtered in Bombay by private individuals within the meaning of Section 403 (2) (c) of the Act.

EDUCATIONAL.

REPORT OF THE JOINT SCHOOLS COMMITTEE, FORWARDED BY THE COMMITTEE'S SECRETARY UNDER HIS NO. 459 OF 9TH JUNE 1904.

THE JOINT SCHOOLS COMMITTEE'S OFFICE,
MUNICIPAL OFFICES,
BOMBAY, 19*th May* 1904.

REPORT ON THE ADMINISTRATION OF THE JOINT SCHOOLS COMMITTEE FOR THE YEAR 1903-04.

Constitution of the Committee.

At the commencement of the year the Joint Schools Committee consisted of the following members :—

Appointed by Government.	*Appointed by the Corporation.*
C. H. SETALVAD, ESQ., B.A., LL.B.	S. D. KHOTE, ESQ.
KHAN BAHADOOR DARASHA R. CHICHGUR.	RAO BAHADOOR DHAKJI CASSINATHJI.
NANU N. KOTHARE, ESQ.	KAZI KABIRRUDDIN, ESQ., BAR.-AT-LAW.
A. L. COVERNTON, ESQ., M.A.	JAMES MACDONALD, ESQ.

The two senior members who retired during the year under Section 39 (3) of the Bombay Municipal Act were the Hon'ble Mr. C. H. Setalvad and Mr. S. D. Khote, and they were both re-appointed by the Government and the Corporation, respectively.

The Committee deeply regret the death in December last of Mr. Khote, who had proved himself a most useful and energetic member. The Corporation elected Mr. Bhaishanker Nanabhai as a member of the Committee in place of the deceased.

The Hon'ble Mr. C. H. Setalvad was re-elected Chairman for the year 1904, and, in so doing, his services during the preceding year were referred to in complimentary terms by his colleagues.

Finance.

The opening balance of the School Fund was Rs. 24,943 against Rs. 40,616 for the preceding year. The receipts from all sources amounted to Rs. 1,46,727, showing an increase of Rs. 4,185 over the total for the year 1902-03, while the expenditure was Rs. 1,62,400 against Rs. 1,55,680, the total for the previous year.

The Government have been pleased to raise their annual contribution to the School Fund from Rs. 42,666 to Rs. 72,768 from 1st October 1903, and the Committee having obtained from Government the maximum grant claimable under Section 120 (*c*) of the Bombay Municipal Act for the year under report, they were gainers to the extent of Rs. 5,167, which accounts for the increase in the receipts for the year.

The average cost per pupil was 19·5 as against 18·4 in 1902-03, and was distributed as under :—

Teaching	Rs.	12·6
Rent	„	5
Miscellaneous	„	1·9
Total ...	Rs.	19·5

The increase is due to provision made for better school buildings and appliances and the employment of more trained teachers.

Municipal Schools.

The subjoined table gives a summary of the total number of the Municipal Schools, together with the total attendance thereat for the past two years :—

Class of Schools.	Municipal.			
	1902-1903.		1903-1904.	
	Schools.	Pupils.	Schools.	Pupils.
Marathi.				
Day Schools—				
Middle Schools ...	8	123	8	104
Primary for boys ...	31	2,651	31	2,678
Do. for girls ...	10	429	10	492
Total ...	44	3,203	44	3,274
Night Schools ...	...	...	...	...
Total of Marathi Schools ...	44	3,203	44	3,274
Gujerati.				
Day Schools—				
Middle Schools ...	2	61	1	53
Primary for boys ...	13	1,706	13	1,710
Do. for girls ...	7	786	7	746
Total ...	22	2,553	21	2,509
Night Schools ...	...	...	...	...
Total of Gujerati Schools ...	22	2,553	21	2,509
Urdu.				
Day Schools—				
Middle Schools ...	...	...	...	...
Primary for boys ...	17	1,061	17	1,027
Do. for girls ...	2	273	2	239
Total ...	19	1,334	19	1,266
Night Schools ...	1	33	2	66
Total of Urdu Schools ...	20	1,367	21	1,332
Grand Total of Marthi, Gujerati and Urdu Schools ...	86	7,123	86	7,115

The total number of schools has remained unchanged, while the total attendance stands at very nearly the same figure as that for the last year. The general attendance is higher when the health of the City reverts to its normal conditions, and as plague is most virulent in the cold season, the number attains its lowest point at the end of March, for which the figures are taken for official reports.

The Gujerati middle schools denote a reduction of one owing to the abolition of the English class at the Nal Bazar School, which was never well attended. On the other hand, a new night school was opened at Kamatipura for the benefit of Mahomedans.

The general progress of the schools was, on the whole, satisfactory; and the teachers, with a few exceptions, have done their work well enough.

Successes at Public Examinations.

The Committee's revised standards are followed by all the schools except the Vithalwady Marathi School, which teaches according to the Government standards, in order to prepare boys for the Public Service Examination.

The school presented three pupils at the Examination, all of whom were successful. A pupil of the S. S. Bengalee Girls' School was able to win one of the Mary Carpenter Scholarships.

Three out of four middle school scholarships were won by Municipal Schools—two by the Dongri School, and one by the Vithalwady School.

Revised Standards.

The vernacular standards, as revised by the Committee and approved by Government, were introduced in the schools during the year, and instructions were issued to the teachers on the best method of teaching the various subjects included in the curriculum. The schools have been supplied with Kindergarten materials and other appliances which will form a valuable aid to the teaching of object lessons, the importance of which is fully recognized in the new curriculum.

The Committee have been doing all in their power to supply the want of trained teachers, especially in the Urdu Schools. Every possible encouragement is given to teachers to join the Training Colleges, and the Committee are glad to observe that the number of persons who availed themselves during the year under report of the stipend offered by them far exceeded the average of past years.

It is confidently expected that in course of years the want of qualified teachers will be supplied to a very great extent.

School Accommodation.

A great improvement has gradually been effected in school accommodation, the Joint Schools Committee being always anxious to secure better premises for their schools, within the means at their disposal. Most of the schools have to be located in dwelling houses which are scarcely suitable for school purposes, and are more or less defective in regard to light and ventilation, as well as general convenience. The Committee have always been of opinion that the evil can only be entirely remedied by providing the schools with buildings specially constructed for them, and, therefore, they received with satisfaction the Government resolution last year announcing the formation of a Building Committee to which the Corporation and the Joint Schools Committee were invited to appoint their respective representatives. The Corporation accordingly appointed the Hon'ble Mr. Mehta and the Committee selected their Chairman, the Hon'ble Mr. Setalvad, to represent them on the Board. The Committee have already submitted their report, and it is trusted that a satisfactory solution of the housing problem will be arrived at before long.

It is gratifying to note that during the year under report the Lord Harris School Building was completed and given over by the Public Works Department to the Joint Schools Committee, who have removed thither the Chandanwady Marathi and Gujerati Schools. The building which stands in the vicinity of the St. Xavier Institute, is constructed on the best principles of hygiene and sanitation and affords excellent accommodation to the two schools which had previously been very indifferently housed.

A further addition was made to the Municipal School buildings by the purchase of a suitable property at Karelwady for the S.S. Bengalee Girls' School. The Bengalee Memorial Committee had handed over to the Committee Government Paper of the nominal value of Rs. 25,000, which, with the interest which had accrued thereon, realized altogether a little over Rs. 29,000. As the cost of the property, with the legal and other charges incidental to the purchase, amounted to over Rs. 31,000, the excess has been met for the present by an advance from the surplus to be adjusted hereafter on payment of the customary building grant by Government.

The following schools were removed to better quarters during the year :—

Null Bazar Boys' School	...	...	(Gujerati)
Null Bazar Girls' School	...	...	(Do.)
Musjid Bunder Girls' School	...	...	(Do.)
Fort No. II Boys' School	...	...	(Do.)
Byculla Girls' School	...	...	(Marathi)

The undermentioned schools were provided with additional accommodation :—

Madanpura School	...	...	(Urdoo)
Dadar Girls' School	...	...	(Marathi)
Parel School	...	...	(Do.)
Matoonga	...	...	(Do.)
Buddhivardhak	...	...	(Gujerati)

Death of Teachers.

The Committee regret to record the death of eleven teachers during the year, four of whom were carried off by plague. Amongst these were Bai Chandrabai Sutar and Bai Gulabbai Ratanchand Shah, the Head Mistresses of the Kalbadevi Marathi and Gujerati Schools, respectively, who were remarkable among school mistresses for their superior intelligence and capacity. Another teacher, whose loss is much to be regretted, is Mr. Gulabdas Sunderlal, Head Master, Buddhivardhak School. A veteran in the department; he was much above the average in mental calibre and attainments.

Retirement of a Teacher.

Mr. K. V. Shoucho, Head Master, Varli School, having completed the pensionable period of service, was permitted to retire during the year.

Donations and Entertainments.

The Committee are glad to report that Mrs. Batty was good enough to give an afternoon party to School Mistresses which was graced with the presence of Her Excellency Lady Lamington. The teachers fully enjoyed the treat, and Mrs. Batty was cordially thanked on behalf of the Committee for her kindness.

The thanks of the Committee are also due to Mr. Rajaram R. Bhagvat for giving a treat to the children attending the Crawford Market Nirashrit School, as well as to Mrs. Madhavdas Rugnathdas for her gift of books and sweets to the Girgaum Gujerati School, and to Dr. V. P. Chavan for a similar present to the Kamathipura Nirashrit School.

Visiting Members.

At the Committee's request a number of gentlemen have undertaken to visit the schools in the localities assigned to them. Some of them have taken up the work with commendable zeal, and their visits are likely to have a salutary influence on the schools.

Aided Schools.

The following table shows the number of Aided Schools with the attendance thereat during the year under report, as contrasted with the figures for the preceding year :—

Class of Schools.	Aided.			
	1902-1903.		1903-1904.	
	Schools.	Pupils.	Schools.	Pupils.
Marathi.				
Day Schools—				
Primary for boys	32	2,747	31	2,782
Do. for girls	19	1,498	18	1,419
Total	51	4,245	49	4,201
Night Schools	15	238	14	267
Total of Marathi Schools	66	4,483	63	4,468
Gujerati.				
Day Schools—				
Primary for boys	17	2,641	16	2,414
Do. for girls	11	1,112	12	1,205
Total	28	3,753	28	3,619
Night Schools	...	...	...	...
Total of Gujerati Schools	28	3,753	28	3,619
Urdoo.				
Day Schools—				
Primary for boys	2	360	2	345
Do. for girls	1	19	1	17
Total	3	379	3	362
Night Schools	...	...	...	...
Total of Urdoo Schools	3	379	3	362
Grand Total of Marathi, Gujerati and Urdu Schools	97	8,615	94	8,449

There has been a decline of three schools during the year, being closed by their managers. The total attendance was 8,449 as against 8,615 for the year 1902-03. The three schools that were closed were the Khotachiwadi and Bellasis Road schools and the Dongri Mahar night school.

The total grant earned by the schools was Rs. 23,863-6-6, including the fixed contribution of Rs. 5,000 per annum to the Anjuman-i-Islam Schools. The total disbursements under this head for the preceding year came to Rs. 24,111-14-4.

Race of Pupils.

The number of pupils distributed in the Municipal and Aided Schools according to their race is as under :—

Race.	1902-1903.			1903-1904.		
	Municipal.	Aided.	Total.	Municipal.	Aided.	Total.
Europeans and Eurasians	...	1	1	...	6	6
Portuguese and Native Christians	37	585	622	55	435	490
Hindoos	5,063	4,444	9,527	5,158	4,586	9,744
Mahomedans	1,634	930	2,564	1,585	896	2,481
Buddhists	...	2	2	...	...	...
Parsis	253	2,161	2,414	238	2,082	2,320
Others	146	492	638	79	444	523
Total ...	7,123	8,615	15,738	7,115	8,449	15,564

N. B. MASANI,

Secretary, Joint Schools Committee.

Appendix A.

Statement of Actual Income and Expenditure of the School Fund for the year 1903-1904.

Receipts.	Amount.	Expenditure.	Amount.
	Rs. a. p.		Rs. a. p.
1. Balance on the 1st of April 1903	40,616 2 1	A.—Schools.	
2. Government Grant to Primary Education and Inspection.	47,833 0 0	1. Head Masters and Teachers	75,725 6 7
3. Fees from Municipal Schools...	18,295 14 0	2. Servants	2,332 0 5
4. Contribution from the General Municipal Fund... ...	80,000 0 0	3. Rent	35,659 11 7
5. Government Grants-in-aid towards Buildings	.....	4. Cost of Class Books	344 2 8
6. Interest on Endowments or Investments	523 11 0	5. School Furniture	1,955 1 0
7 Miscellaneous	75 0 0	6. Prizes	1,125 0 0
		7. Contingencies and Miscellaneous	*5,782 12 8
		8. Scholarships in Schools	434 4 10
		9. Stipends of Students under Training as Vernacular Teachers	1,924 10 11
		10. Inspectors' Establishment	11,554 13 4
		11. Grants-in-aid to Primary Schools	23,863 6 6
		B.—Buildings.	
		1. Municipal Original Works	.....
		2. Repairs to Municipal School Houses	1,698 15 7
		Balance on 31st March 1904	24,943 5 0
Total Rupees ...	1,87,343 11 1	Total Rupees ...	1,87,343 11 1

* Includes Rs. 2,014-8-1 spent for Kindergarten articles.

N. B. MASANI,
Secretary, Joint Schools Committee.

The Joint Schools Committee's Office,
Bombay, 19*th May* 1904.

Appendix B.

Balance Sheet of "The School Fund" for the year 1903-1904.

Liabilities.			Rs. a. p.	Assets.			Rs. a. p.
To Deposit Account			486 1 6	By Advance Account (Miscellaneous)			214 8 0
„ Hurkisondas Brijlal Prize Fund—				„ Advance on account of Bengalee Girls' School Building			2,560 14 0
Principal	Rs. 500	0 0		„ Bank of Bombay Government, &c., Paper Deposit Account			2,000 0 0
Interest	„ 36	11 11	536 11 11	„ Actual Cash Balance on 31st March 1904—			
„ Dr. Blaney Prize Fund—				In Bank of Bombay	Rs. 29,125	10 9	
Principal	Rs. 1,000	0 0		In Office Treasury	„ 242	0 4	
Interest	„ 90	10 1	1,090 10 1				29,367 11 0
„ Madhavdas Rugnathdas Prize Fund—							
Principal	Rs. 500	0 0					
Interest	„ 40	7 4	540 7 4				
„ Lord Harris Memorial Fund—							
„ Deposit Account			919 0 0				
„ Interest on Investment of Surplus Cash Balance ...			5,566 13 3				
„ Income and Expenditure Account— Balance on 31st March 1904			24,943 5 0				
Total Rupees ...			34,083 1 1	Total Rupees ...			34,083 0 1

N. B. MASANI,
Secretary, Joint Schools Committee.

The Joint Schools Committee's Office,
Bombay, 19*th May* 1904.

Appendix C.

Examination Results of Bombay Marathi Primary Schools for the year 1903-1904.

	CLASS OF SCHOOLS.	Number of separate schools examined.	Number of pupils examined.	STANDARD I.		STANDARD II.		STANDARD III.		STANDARD IV.		STANDARD V.		STANDARD VI.		STANDARD VII.	
				Number of pupils examined.	Number of pupils passed.	Number of pupils examined.	Number of pupils passed.	Number of pupils examined.	Number of pupils passed.	Number of pupils examined.	Number of pupils passed.	Number of pupils examined.	Number of pupils passed.	Number of pupils examined.	Number of pupils passed.	Number of pupils examined.	Number of pupils passed.
Central Division, Bombay City.	BOYS.																
	In Local Board Area	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	In Municipal Area	69	6,513	1,240	877	1,142	660	915	519	681	380	20	14	.....	.....	.....	.....
	In Native States	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Total ...	69	6,513	1,240	877	1,142	660	915	519	681	380	20	14	.....	.....	.....	.....
	GIRLS.																
	In Local Board Area	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	In Municipal Area	28	1,720	247	134	218	90	195	89	198	66	11	9	.....	.....	.....	.....
	In Native States	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Total ...	28	1,720	247	134	218	90	195	89	198	66	11	9	.....	.....	.....	.....
	Total, Bombay City	97	8,233	1,487	1,011	1,360	750	1,110	608	879	446	31	23	.....	.....	.....	.....

Appendix D.

Examination Results of Bombay Gujerati Primary Schools in Bombay for the year 1903-1904.

	CLASS OF SCHOOLS.	Number of separate schools examined.	Number of pupils examined.	STANDARD I.		STANDARD II.		STANDARD III.		STANDARD IV.		STANDARD V.		STANDARD VI.		STANDARD VII.	
				Number of pupils examined.	Number of pupils passed.	Number of pupils examined.	Number of pupils passed.	Number of pupils examined.	Number of pupils passed.	Number of pupils examined.	Number of pupils passed.	Number of pupils examined.	Number of pupils passed.	Number of pupils examined.	Number of pupils passed.	Number of pupils examined.	Number of pupils passed.
Bombay City.	BOYS.																
	In Local Board Area...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	In Municipal Area	30	3,928	669	413	856	497	671	374	552	339	15	9	...	...	...	...
	In Native States	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total... ...	30	3,928	669	413	856	497	671	374	552	339	15	9	...	...	...	...
	GIRLS.																
	In Local Board Area...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	In Municipal Area	18	1,652	319	199	390	187	194	98	160	93	15	9	14	5	...	...
	In Native States	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total... ...	18	1,652	319	199	390	187	194	98	160	93	15	9	14	5	...	...
	Total, Bombay City... ...	48	5,580	988	612	1,246	684	865	472	712	432	30	18	14	5	...	...

Appendix E.

Examination Results of Primary Schools (Urdu) for 1903-1904.

DESCRIPTION OF SCHOOLS.	Number of separate schools.	Number of pupils examined.	Number of pupils examined.	STANDARD I.			STANDARD II.				STANDARD III.					STANDARD IV.				
				NUMBER OF PUPILS PASSED IN				NUMBER OF PUPILS PASSED IN				NUMBER OF PUPILS PASSED IN						NUMBER OF PUPILS PASSED IN			
				Arithmetic.	Reading.	Writing.	Number of pupils examined.	Arithmetic.	Reading.	Writing.	Number of pupils examined.	Arithmetic.	Reading.	Writing.	Geography.	Number of pupils examined.	Arithmetic.	Reading.	Writing.	Geography.
Boys' Schools	19	796	98	61	73	80	109	73	81	91	57	32	27	34	24	27	22	27	26	21
Girls' Schools	2	109	19	10	16	14	10	10	9	9	2	2	2	2	2	..	..	..	..	..
Total ..	21	905	117	71	89	94	119	83	90	100	59	34	29	36	26	27	22	27	26	21
Total of the previous year ..	20	881	94	107	118	87	66	76	72	54	50	31	37	46	37	27	21	20	27	23

ANNUAL REPORT

OF THE

MUNICIPAL AUDITORS,

1903-1904.

To

M. N. WADIA, Esq.,
Municipal Secretary,
BOMBAY.

SIR,

We have the honour to forward herewith our Report on the Municipal Accounts for the year 1903-04 in view to the same being printed and placed before the Corporation as usual.

We have the honour to be,
Sir,
Your most obedient Servants,
S. D. GUPTE,
HORMASJI SHAPURJI KATRAK,
Municipal Auditors.

BOMBAY, *9th August* 1904.

REPORT OF THE AUDITORS OF MUNICIPAL ACCOUNTS FOR 1903-1904.

Under the Resolution of the Corporation, No. 13888, dated 19th March 1903, Messrs. A. Thomson and Sakharam Dhondeo Gupte were appointed Auditors of Municipal Accounts for the year 1903-04. The former, however, resigned his post from 1st October 1903 on account of ill-health, and in his place the Corporation were pleased to appoint Mr. Hormasji Shapurji Katrak (Resolution No. 4236, dated 1st February 1904), who assumed charge of his duties on the 17th February 1904.

2. As usual all vouchers and papers relating to both receipts and disbursements for the year 1903-04 have been examined with the Day Books and the Subsidiary Ledgers or classified abstracts of receipts and charges; the general Ledger postings have also been checked with the entries in the Day Books and those in the Journal with the Subsidiary and General Ledgers.

3. The weekly statements of receipts and charges of the Municipal Fund were examined as they were prepared prior to their publication in the *Government Gazette*.

4. The number of vouchers relating to the year's accounts compare as follows with those of the previous year :—

	1902-03.	1903-04.
Receipt Vouchers	25,607	26,129
Disbursement Vouchers	72,987	66,217
Total ...	98,594	92,346

5. The total receipts of Municipal revenue from all sources including interest and profit on investments (*vide* Appendix I of the Chief Accountant's Report) amounted to Rs. 84,82,625-10-1 against Rs. 81,75,688-1-3 for the previous year, or an increase of Rs. 3,06,937-8-10. The increase is mainly under Property Taxes (*viz.*, General, Water and Halalkhore Taxes), Wheel Tax, Market Receipts, Miscellaneous Fees and Interest Receipts, partially counterbalanced by a falling off under Town Duties.

6. The total expenditure from Municipal Funds amounted to Rs. 84,31,389-12-8 against Rs. 84,53,398-1-8, being Rs. 22,008-5-0 less than in the previous year, due mainly to decreases under Health Department, Police Charges, Miscellaneous and Contribution to the City Improvement Trust (being Rs. 3,50,000 against Rs. 5 lacs in the previous year), partially counterbalanced by increases chiefly under Public Works and Debt Charges.

7. The total Police Charges during the year have amounted to Rs. 5,00,381-6-0 (Rs. 5,00,000 contribution towards the cost of City Police paid to Government and Rs. 381-6-0 for repairs and additions to the Police Station at Pydhonie) against Rs. 5,97,504-1-3 in the previous year. The decrease is due to the fact that the actuals of 1902-03 included payment of arrear charges to the extent of Rs. 96,444 of previous years. In this connection it may be mentioned here that while the contribution to Government for the City Police charges as given in the estimates and accounts of the Municipality is Rs. 5 lacs only, that included in the Government accounts as received from the Municipality amounts to Rs. 5,10,463, *viz.*, Rs. 5,00,000 paid in cash by the Municipality *plus* Rs. 8,563 Government grant for the Victoria and Albert Museum, and Rs. 1,900 for the maintenance of the Queen's Statue. The latter two sums instead of being paid in cash to the Municipality are adjusted in the Government accounts by debit to the respective heads and credit to Municipal contribution. As these grants are allowed by Government for specific purposes and are taken into account in working out the arrears due by the Municipality on account of the City Police charges, they should, in our opinion, be similarly shown in the Municipal Accounts. The question is under reference to the Commissioner whose orders are awaited.

8. The actual transactions of the year have resulted in a surplus of Rs. 51,235-13-5 against a deficit of Rs. 2,77,710-0-5 in 1902-03. This is therefore the second year since 1896-97

in which the Municipal accounts have closed with a surplus as will be seen from the following table :—

Year.	Surplus. Rs. a. p.	Deficit. Rs. a. p.
1896-97...	.....	7,95,764 14 9
1897-98...	.....	3,51,408 10 5
1898-99...	.....	1,77,114 4 7
1899-1900	14,37,337 9 10	.....
1900-01...	.....	1,81,210 3 2
1901-02...	.....	4,59,728 3 11
1902-03...	.....	2,77,710 0 5
1903-04...	51,235 13 5	.....

The large surplus in 1899-1900 was due to special causes, such as increase in the rate of taxation and to a large increase in Town Duties, due to unusually large imports of grain for famine districts.

9. The opening cash balance on 1st April 1903 (exclusive of Reserve Stock and Surplus Fund Investments) was Rs. 1,49,059-3-8. This sum *plus* the total receipts of the year (inclusive of Debt, Deposits and Advances, &c.) *viz.*, Rs. 4,15,03,277-12-2 gives a total of Rs. 4,16,52,336-15-10 against the gross disbursements of Rs. 4,14,42,408-11-10, leaving a closing balance of Rs. 2,09,928-4-0.

10. The Surplus Fund Investments on 31st March 1904 amounted to Rs. 24,54,188-7-8 (as per following details) against Rs. 20,11,665-0-5 on the same date last year :—

	Rs. a. p.	Rs. a. p.
In Government, &c., paper with the Bank of Bombay (Face Value Rs. 7,30,500)		7,32,712 8 0
In Current Account with the following Banks :		
The Hongkong and Shanghai Banking Corporation	2,76,008 15 7	
The Comptoir National de Escompte De Paris	778 0 3	
The Chartered Bank of India, Australia and China	2,66,560 13 4	
The National Bank of India, Limited	25,528 5 0	
The Yokohama Specie Bank, Limited	324 11 4	
The Mercantile Bank of India, Limited	1,275 2 2	
		5,70,475 15 8
Fixed Deposit in following Banks :		
The National Bank of India, Limited	6,01,000 0 0	
The Comptoir National de Escompte De Paris	3,50,000 0 0	
The Mercantile Bank of India, Limited	2,00,000 0 0	
		11,51,000 0 0
	Total Rs.	24,54,188 7 8

11. The charges sanctioned during the year 1903-04 by the Municipal Commissioner and paid out of his Discretional grant are given in the following list :—

LIST showing the amounts paid out of the Discretional Contingencies Grant during 1903-04 :—

	Particulars.	Amount. Rs. a. p.	Total. Rs. a. p.
1.	Cost of providing and fixing venetian and glazed window in the corridor of the Municipal Secretary's Office	117 7 7	
2.	Charges for telegram sent to Lord Sandhurst through William Watson & Co., *re* the appointment of Executive Engineer...	137 14 0	
3.	Cost of repairing the clock in the Auditor's room	3 0 0	
			258 5 7
4.	Cost of repairs to a screen belonging to the Police Department	(a) 64 4 4	
5.	Cost of a dynamo and water motor for the electric fan in the Commissioner's Office	223 0 0	
6.	Rent of a room hired by the Police in lieu of the Chowki at Girgaum and Charni Road junction handed over by them to the Municipality ...	36 0 0	
			323 4 4
7.	Moiety of the subscription for telephone connection at the Chief Accountant's bungalow from 7th April 1903 to 6th April 1904	55 0 0	
8.	Cost of one iron safe manufactured in the Municipal Workshops for the use of the Chief Accountant's Office	102 0 0	
			157 0 0
9.	Cost of engaging 2 Surveyors and 2 peons for 11 months from 1st May 1903 for assessing properties in certain streets of A, B, C and D Wards on the measurement basis	1,711 5 9	
10.	Cost of professional assistance by Mr. P. Byramji, House Agent, *re* assessment of the Standard Buildings	200 0 0	
11.	Allowance to certain peons of the Assessment Department for extra work done by them in connection with F Ward cases of misappropriation ...	35 8 0	
			1,946 13 9
12.	Extra allowance to 4 Clerks of the Revenue and Refund Audit Office deputed to Audit the Town Duty Export Refund Certificates	80 0 0	
13.	Cost of engaging a special staff of 4 Clerks for comparing the Town Duty Export Certificates	945 0 0	
14.	Allowance to Mr. Rustomji N. Coyaji for supervising the work of 4 Clerks engaged for auditing the Refund Certificates	300 0 0	
15.	Cost of closing up the top portion of the openings in the existing arches in the Revenue and Refund Audit Office	233 15 6	
			1,558 15 6
16.	Purchase of 2 hooded pattern Kitson lamps with accessories for the use of the Fire Brigade Department	310 0 0	
17.	Cost of the accessories of the Welsback Patent lamp purchased from Mr. Mahler	14 9 0	
			324 9 0
18.	Cost of providing and fixing apparatus for saving persons from drowning in the well opposite Elphinstone High School	317 12 9	
19.	Expenses in connection with an arrangement made for playing bands of the G. I. P. and B. B. and C. I. Railway Volunteers in the Victoria Gardens	122 0 0	
20.	Cost of mounting survey sheets purchased from City Improvement Trust.	214 8 0	
21.	Cost of providing a sluice valve to let off the filthy water of a pond in the Victoria Gardens	244 6 4	
22.	Cost of providing benches on the Scandal Point	246 7 8	
23.	Charges incurred by Mr. Hall for interviewing Mr. Mansergh	40 11 0	
24.	Cost of hiring 3 Kitson lights for the bands playing in the Victoria Gardens	37 0 0	
			1,219 13 9
25.	Cost of cable charges for obtaining expert opinion from Messrs. Taylor and Strachan in the matter of surcharging of drains	20 10 0	
26.	Cost of mounting survey sheets required for the Drainage Department ...	234 12 6	
27.	Expenses incurred for reweighing stores at Palton Road	37 0 0	
28.	Cost of purchasing tools and plant for the new Stores Office at Chinchpokli	15 0 0	
			307 6 0
29.	Cost of a pail cart for transport of night-soil	249 9 3	
30.	Cost of providing and fixing teakwood ceiling to the rooms of the Assistant Superintendent, Bandra Slaughter-House	61 1 0	
31.	Compensation to butchers for the loss caused by an accident to the motor van	291 0 0	
32.	Reward to the person inventing suitable dust-bins for Bombay... ...	200 0 0	
			801 10 3
	Total Rs. ...		6,897 14 2

(a) Recovered in 1904-05 as it has been decided to include it in the divisible share of the City Police charges.

With regard to these charges it may be observed that several of them are properly debitable to the Departments on whose account they were incurred, but, as no transfers of grants were sanctioned under Section 131 of the Act, they have been debited to a separate head "Discretional Contingencies." In our opinion it is not correct to debit such charges to this head simply because they are met out of the Discretional grant. The matter was referred to the Commissioner, who has now given orders that the subject may stand over until the Chief Accountant sends in his proposals for a revision of the Accounts System.

12. The amount outstanding under "Advances—Personal Account of Municipal Officers" on 31st March 1904 was Rs. 34,326-9-5 against Rs. 40,801-1-11 on the same date last year as follows :—

	Rs.	a.	p.
Municipal Officers	33,976	9	5
Plague Officers	350	0	0
Total Rs. ...	34,326	9	5

Out of the above sum the total amount of permanent advances made to Municipal and Plague Officers for contingent expenditure comes to Rs. 3,818, and the remainder, *viz.*, Rs. 30,508-9-5 represents the sums debited to the personal account of Municipal Officers pending adjustment.

It may be mentioned here that several of the items included in the latter amount are charges actually incurred during the year and properly debitable to the service heads, but they have been taken to this head simply for want of budget provision in the estimates for the year or for insufficiency of budget grants to cover them. This procedure does not in our opinion appear to be strictly correct, inasmuch as expenditure properly chargeable to the accounts of the year under review has been unnecessarily transferred to the accounts of the next year. This matter has already been brought to the notice of the Standing Committee and is under reference to the Commissioner for his orders.

13. The value of stock in hand on the 31st March 1904 as per accounts rendered to the Chief Accountant's Office, compared with that on the same date last year, was as under :—

Executive Officers.	1902-03. Rs.	a.	p.	1903-04. Rs.	a.	p.
Executive Engineer	3,372	1	1	16,376	3	5
Drainage "	2,64,568	5	10	63,058	9	3
Water "	3,37,836	13	6	1,92,380	8	3
General Stock	21,434	11	9	17,318	7	4
Parel Stores, Plague	16,941	15	0	25,265	4	9
Surplus and Obsolete Stores	.....			4,02,358	6	9
Total Rs. ...	6,94,153	15	2	7,17,352	12	9

14. The sums outstanding on the 31st March 1904 under the heads mentioned below were as follows :—

	Rs.	a.	p.
Departmental Works	1,121	3	8
Private Works	40,565	0	10
Workshops	3,500	2	11
Rs. ...	45,196	7	5

15. The amount outstanding on 31st March 1904 to the debit of the personal account of Municipal Contractors for supplies made and services rendered to them amounted to Rs. 49,785-4-1 against Rs. 51,026-15-0 on the same date last year.

16. The total expenditure on account of plague incurred during the year under review amounted to Rs. 2,43,885-4-5. The total charges on this account from the beginning of the plague, *i.e.*, since 1896-97 amount to Rs. 59,96,633-12-8, of which 14·5 lacs were met from a grant-in-aid by Government, and 20 lacs have been met from a loan raised in the open market. The remainder, *viz.*, Rs. 25,46,633-12-8 has been carried to a suspense head subject to future adjustment.

17. *Scrutiny of Collections and of Outstanding Bills of Rates and Taxes for the year 1903-04 and of previous years.*

Collections.—During the year there were issued by the Assessor and Collector 108,213 net demand Assessment Bills for Property and Wheel Tax of the value of Rs. 52,60,675-11-2, and 3,286 bills for meter hire for the same year of the value of Rs. 23,583-13-10.

The following figures give the particulars of the bills and collections :—

	Rs. a. p.	Rs. a. p.
107,715 bills for Property and Wheel Tax were issued for 1903-04 of the value of ...	.....	52,29,936 2 10
3,286 bills for meter hire for 1903-04	.....	23,583 13 10
445 bills for the year 1902-03	30,060 5 7	
44 " " 1901-02	635 2 10	
7 " " 1900-01	41 7 0	
2 " " 1899-1900...	2 8 11	
498		30,739 8 4
111,499 Total number of bills for 1903-04	.....	52,84,259 9 9
Add—Government and Port Trust Contributions	3,67,661 12 0	
Outstandings on 31st March 1903	1,99,975 6 6	
		5,67,637 2 6
Total amount to be collected in 1903-04	.....	58,51,896 11 6
Less—Collections made by the Assessor and Collector...	54,15,632 4 0	
Paid by Government and Port Trust	3,67,661 12 0	
		54,83,294 0 0
		3,68,602 11 6
Deduct—Amount of bills recalled, amended, and cancelled for all years from 1899 to 1902-03 ...		48,144 2 10
Total outstanding on 31st March 1904 (Appendix C.)...		3,20,458 8 8
Amount outstanding on 31st March 1903 exclusive of meter hire		1,98,036 3 0
Deduct—Amounts of bills recalled, amended and cancelled during the year, for all years prior to 1903-04 exclusive of Rs. 770-15-3 on account of meter hire		47,273 3 7
		1,50,662 15 5
Add—Amount of bills amended and issued during the year		30,739 8 4
Total ...		1,81,402 7 9
Deduct—Amount recovered during the year...		1,68,119 11 4
Balance outstanding on 31st March 1904 as per Appendix B		18,282 12 5

It may not be out of place to mention here that the above figures do not include a sum of Rs. 17,890-7-2 on account of General tax on Government buildings payable by Government during the year under review and adjusted by Government against a sum of Rs. 1,06,589-10-5 claimed from the Municipality by Government on account of plague charges.

18. In accordance with the instructions of the Corporation contained in their Resolution passed on the 19th November 1888 which were communicated to the Auditors under the Municipal Secretary's letter No. 5374, dated 30th idem, all sinking fund investments for the year pertaining to the several loans were examined and found to agree with the amount provided in the budget estimates for 1903-04. Out of the total sum of Rs. 3,78,750 provided in the budget, Rs. 3,77,365-12-0 (representing the actual cost of securities of several denominations to the extent of Rs. 3,78,600) were invested in Government and other securities, and the remainder, *viz.*, Rs. 1,384-4-0 were held in current deposit account. The total balance on 31st March 1904 on account of these funds as shown in Appendix 7 of the Chief Accountant's report for the year under review amounted to Rs. 46,95,890-15-5 (Rs.* 46,98,500 in securities as per margin, actual cost Rs. 46,94,645-12-0 and Rs. 1,245-3-5 in cash). It may be mentioned here that an attempt was made to examine whether the accumulated sinking funds constituted for the liquidation of the entire Municipal debt worked up to the amount which should have been accumulated had the several conditions of the loans been fulfilled, but in the absence of certain information which is not ready at hand, as no regular registers showing the progress of the loans from the date of their raising are maintained in the Chief Accountant's Office, the figures have not been worked out. This seems to be essentially necessary, as under the recent orders of the Government of India (G. of I., F. & C. Department, No. 7513-A, dated 10th December 1903, addendum to Art. 1409, Civil Account Code), the Local Government is asked to make arrangements for a yearly examination of the sinking funds constituted for the repayment of loans raised by the Municipalities, and the Accountant-General is directed to certify annually that the sinking funds so accumulated amount to what they ought to be.

	Paper. Rs.	Actual cost. Rs. a. p.
5 % Municipal Bonds	23,89,000	23,89,000 0 0
4 % "	10,05,500	10,05,316 6 9
4 % City Improvement Trust Bonds	6,98,500	6,97,681 11 3
3½ % Government paper	1,05,500	1,03,287 10 0
Total	*46,98,500	46,94,645 12 0

19. The Bank's receipts of investments of Sinking Funds of different loans also of Municipal Buildings Fire Insurance, School Buildings, Worn-out Water Mains Renewal and Premia, &c., Funds, as well as Securities from Municipal employés and Contractors in Government Paper, Port Trust and Municipal Bonds deposited with the Bank of Bombay, and the Pass Books of various Banks have been examined and found to be correct and in order. We beg leave to suggest that a list of all the securities with the Bank of Bombay on 31st March might be annually printed and published in the Government Gazette for the information of all concerned, and an extract therefrom attached to the Municipal Accounts printed and published annually.

20. The securities furnished by the Municipal employés and on the record of the Chief Accountant's Office have also been examined with the registers maintained in his office. These securities may be classified as under :—

(1) Policies effected with the Guarantee and Surety Companies.

(2) Personal securities given by Municipal employés of property holders.

(3) Securities in Government, &c., Paper.

Those under (1) were examined and found to be in order except in two cases in which the receipts given by the Guarantee Companies for premia received did not bear the date of payment. They were, however, returned to the respective Companies and have been received back duly completed.

With regard to (2) it may be observed that there was nothing to show that the sureties who have entered into an agreement were alive on 31st March 1904, or that the properties mentioned in the bonds were still owned by them. These bonds were in some cases executed so far back as 1884, and in our opinion these documents cannot be treated as valid unless a life certificate of the surety, signed by a Magistrate or a Justice of the Peace, as also a certificate from the Assessor and Collector that the properties mentioned in the bonds are still on their names, are obtained and attached to the bonds concerned. In our interview with the Chief Accountant these irregularities were brought to his notice, and we are glad to find that a report on the subject embodying all our suggestions has been submitted to the Commissioner for his orders.

With regard to (3) it may be mentioned that some of the Municipal employés, while entering into an agreement, had deposited 4 per cent. Government Promissory Notes. These were since converted into 3½ per cent. under the Government of India orders in 1894-95, but no alteration to this effect had been made in the Bonds nor even the safety receipts given by the Bank of Bombay for the securities lodged with the bank were altered. This was brought to the notice of the Chief Accountant and the necessary corrections have since been made.

S. D. GUPTE,
HORMASJI SHAPURJI KATRAK,
Municipal Auditors.

BOMBAY, *9th August* 1904.

BOMBAY, 30th *June* 1904.

To

THE MUNICIPAL SECRETARY,
BOMBAY.

SIR,

In accordance with Section 137 of the Bombay Municipal Act of 1888, we have the honor to forward the accompanying three appendices, marked A, B and C, containing the result of the scrutiny of the outstanding bills of Rates and Taxes which were in the hands of Ward Clerks and in the Office of the Assessor and Collector on the 31st March 1904.

2. These appendices form part of the Annual Report on the Municipal Accounts for the year 1903-04, now under preparation.

We have the honour to be,

Sir,

Your most obedient Servants,

S. D. GUPTE,
HORMASJI SHAPURJI KATRAK, } *Municipal Auditors.*

Appendix A.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in the hands of WARD CLERKS and in the Office of the ASSESSOR AND COLLECTOR on the 31st March 1904.

Ward.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Water Charged by Meter.	Tax on Vehicles and Animals.	Meter Hire.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	1,447	30,851 5 8	8,458 15 8	8,162 3 7	47,472 8 11	538 0 11	5,455 12 8	9,623 14 6	2,208 8 0	1,162 2 11	66,460 15 11
B	1,281	45,689 11 6	15,574 3 9	12,655 7 7	73,919 6 10	234 14 10	51 0 6	2,273 7 10	1,605 12 0	200 6 0	78,285 0 0
C	1,562	38,998 6 3	14,526 1 10	11,710 8 6	65,235 0 7	30 0 0	58 6 6	2,664 6 3	1,317 1 0	186 1 10	69,491 0 2
D	1,231	26,100 9 9	7,940 15 4	8,170 11 1	42,212 4 2	71 0 1	721 1 5	2,796 15 5	2,290 11 0	411 10 10	48,503 10 11
E	686	10,112 14 1	3,518 13 1	3,006 4 4	16,637 15 6	190 9 9	549 5 1	5,925 11 2	2,000 1 0	89 1 2	25,392 11 8
F	361	2,379 5 3	667 5 5	714 5 9	3,761 0 5	37 2 6	17 5 8	1,974 14 0	169 3 0	90 4 4	6,049 13 11
G	785	3,674 14 1	1,048 14 4	1,192 13 8	5,916 10 1	47 6 6	108 6 2	1,504 0 1	312 14 0	103 2 10	7,992 7 8
Total...	7,353	1,57,807 2 7	51,735 5 5	45,612 6 6	2,55,154 14 6	1,149 2 7	6,961 6 0	26,763 5 3	9,904 2 0	2,242 13 11	3,02,175 12 3

S. D. GUPTE,
HORMASJI SHAPURJI KATRAK, } *Municipal Auditors.*

BOMBAY, 30*th June* 1904.

Appendix B.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in arrears for the year 1902-1903 and previous years in the hands of the WARD CLERKS and in the Office of the ASSESSOR AND COLLECTOR on 31st March 1904.

Ward.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.	Tax on Vehicles and Animals.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
FOR THE YEAR 1902-1903.										
A	90	530 11 8	222 4 2	121 1 2	874 1 0	10 0 0	.....	496 8 1	410 11 0	1,791 4 1
B	51	572 5 3	220 13 5	207 14 1	1,001 0 9	6 12 3	.....	78 5 11	126 0 0	1,212 2 11
C	52	1,334 15 6	444 6 3	496 2 3	2,275 8 0	5 0 0	.....	21 1 3	80 6 0	2,381 15 3
D	65	483 15 11	175 5 9	896 2 0	1,555 7 8	20 13 8	.....	141 0 0	92 0 0	1,809 5 4
E	44	254 2 10	43 11 8	71 8 0	369 6 6	0 8 3	.....	180 11 3	217 1 0	717 11 0
F	22	88 5 0	36 7 10	32 12 3	157 9 1	2 14 3	.....	.....	5 0 0	165 7 4
G	34	79 12 0	23 12 11	35 6 6	138 15 5	14 4 7	.....	826 7 6	.....	979 11 6
Total...	358	3,344 4 2	1,166 14 0	1,860 14 3	6,372 0 5	69 5 0	.....	1,694 2 0	931 2 0	9,057 9 5
FOR THE YEAR 1901-1902.										
A	42	262 15 11	12 1 9	79 13 5	354 15 1	13 1 6	474 8 0	729 12 10	81 11 0	1,654 0 5
B	15	193 9 9	73 12 4	55 8 2	322 14 3	.....	.....	16 6 6	44 4 0	383 8 9
C	43	1,221 6 7	426 14 6	463 7 4	2,111 12 5	5 0 6	.....	.....	137 1 1	2,253 13 6
D	26	404 8 1	137 0 4	117 7 4	658 15 9	2 8 0	.....	.....	49 0 0	710 7 9
E	9	81 2 8	30 14 8	23 15 3	136 0 7	.....	0 12 0	65 10 0	11 0 0	213 6 7
F	8	61 13 6	28 6 6	22 3 4	112 7 4	.....	.....	.....	.....	112 7 4
Total...	143	2,225 8 6	709 2 1	762 6 10	3,697 1 5	20 9 6	475 4 0	811 13 4	323 0 1	5,327 12 4
FOR THE YEAR 1900-1901.										
A	15	3 7 0	.....	.....	3 7 0	.....	489 1 8	201 14 6	6 0 0	700 7 2
B	2	26 14 0	8 9 8	6 7 2	41 14 10	.....	.....	.....	.....	41 14 10
C	21	1,145 0 0	278 6 6	388 13 1	1,812 3 7	5 0 0	.....	85 4 5	.....	1,902 8 0
D	2	10 10 9	3 1 11	2 15 3	16 11 11	.....	.....	.....	.....	16 11 11
E	3	20 7 11	7 3 0	6 2 2	33 13 1	.....	.....	.....	.....	33 13 1
F	2	13 2 0	4 3 2	3 2 6	20 7 8	.....	.....	.....	.....	20 7 8
G	1	23 12 0	7 9 7	5 11 3	37 0 10	.....	.....	.....	.....	37 0 10
Total...	46	1,243 5 8	309 1 10	413 3 5	1,965 10 11	5 0 0	489 1 8	287 2 11	6 0 0	2,752 15 6
Carried over...	547	6,813 2 4	2,185 1 11	3,036 8 6	12,034 12 2	85 14 6	964 5 8	2,793 2 3	1,260 2 1	17,138 5 3

Appendix B—*concluded.*

Ward.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.	Tax on Vehicles and Animals.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over...	547	6,813 2 4	2,185 1 11	3,036 8 6	12,034 12 9	85 14 6	964 5 8	2,793 2 3	1,260 2 1	17,138 5 3
FOR THE YEAR 1899-1900.										
B	2	26 14 0	8 9 8	6 7 2	41 14 10	.....	.....	.....	.....	41 14 10
C	3	53 6 6	12 1 7	9 1 3	74 8 10	.....	.....	.....	.....	74 8 10
Total ...	5	80 4 0	20 11 3	15 8 5	116 7 8	.....	.....	.....	.....	116 7 8
FOR THE YEAR 1898-99.										
B	2	20 6 10	8 9 8	6 7 2	35 7 8	.....	.....	.....	.....	35 7 8
E	3	506 1 9	163 14 5	159 13 3	829 13 5	.....	.....	.....	.....	829 13 5
Total...	5	526 8 7	172 8 1	166 4 5	865 5 1	.....	.....	.....	.....	865 5 1
FOR THE YEAR 1897-98.										
B	2	18 4 4	8 9 8	6 7 2	33 5 2	.....	.....	.....	.....	33 5 2
Total...	2	18 4 4	8 9 8	6 7 2	33 5 2	.....	.....	.....	.....	33 5 2
FOR THE YEAR 1896-97.										
B	2	18 4 4	8 9 8	6 7 2	33 5 2	.....	.....	.....	.....	33 5 2
Total...	2	18 4 4	8 9 8	6 7 2	33 5 2	.....	.....	.....	.....	33 5 2
FOR THE YEAR 1895-96.										
B	2	18 4 4	8 9 8	6 7 2	33 5 2	.....	.....	.....	.....	33 5 2
Total...	2	18 4 4	8 9 8	6 7 2	33 5 2	.....	.....	.....	.....	33 5 2
FOR THE YEAR 1894-95.										
B	2	18 4 4	8 9 8	6 7 2	33 5 2	.....	.....	.....	.....	33 5 2
Total...	2	18 4 4	8 9 8	6 7 2	33 5 2	.....	.....	.....	.....	33 5 2
FOR THE YEAR 1893-94.										
B	2	16 1 6	7 9 4	5 10 11	29 5 9	.....	.....	.....	.....	29 5 9
Total...	2	16 1 6	7 9 4	5 10 11	29 5 9	.....	.....	.....	.....	29 5 9
GRAND TOTAL...	567	7,509 1 9	2,420 5 3	3,249 12 11	13,179 3 11	85 14 6	964 5 8	2,793 2 3	1,260 2 1	18,282 12 5

S. D. GUPTE,
HORMASJI SHAPURJI KATRAK, } *Municipal Auditors.*

BOMBAY, 30*th June* 1904.

Appendix C.

SUMMARY OF APPENDICES A and B.

Years.	Appendix A. No. of Bills.	Appendix A. Amount.	Appendix B. No. of Bills.	Appendix B. Amount.	Grand Total. No. of Bills.	Grand Total. Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
1903-1904	7,353	3,02,175 12 3	.....	.....	7,353	3,02,175 12 3
1902-1903	.....	.....	358	9,057 9 5	358	9,057 9 5
1901-1902	.....	.....	143	5,327 12 4	143	5,327 12 4
1900-1901	.....	.....	46	2,752 15 6	46	2,752 15 6
1899-1900	.....	.....	5	116 7 8	5	116 7 8
1898-1899	.....	.....	5	865 5 1	5	865 5 1
1897-1898	.....	.....	2	33 5 2	2	33 5 2
1896-1897	.....	.....	2	33 5 2	2	33 5 2
1895-1896	.....	.....	2	33 5 2	2	33 5 2
1894-1895	.....	.....	2	33 5 2	2	33 5 2
1893-1894	.....	.....	2	29 5 9	2	29 5 9
Total	7,353	3,02,175 12 3	567	18,282 12 5	7,920	* 3,20,458 8 8

* Outstanding amount on the same date last year Rs. 1,99,375-6-6.

S. D. GUPTE,
HORMASJI SHAPURJI KATRAK, } *Municipal Auditors.*

BOMBAY, 30*th June* 1904.

BOMBAY, 16th *July* 1904.

To

M. N. WADIA, Esq.,
Municipal Secretary,
BOMBAY.

SIR,

We have the honour to forward herewith our Report on the Accounts of the Joint Schools Committee for the year 1903-04.

We have the honour to be,
Sir,
Your most obedient Servants,
S. D. GUPTE,
HORMASJI SHAPURJI KATRAK,
Municipal Auditors.

REPORT ON THE ACCOUNTS OF THE JOINT SCHOOLS COMMITTEE.

In accordance with By-law No. 15 of the Joint Schools Committee, we beg to report that we have audited the accounts, examined all vouchers and papers relating to the receipts and disbursements of the School Fund in charge of the Joint Schools Committee from 1st April 1903 to 31st March 1904, and found them in order.

2. The total receipts of the Joint Schools Committee for the year 1903-04, as given in the "Income and Expenditure" Account, submitted with the Annual Report of the Secretary amounted to Rs. 1,46,727-9-0 against Rs. 1,42,542-5-6 in 1902-03, or Rs. 4,185-3-6 more, due chiefly to increased grant from Government towards Primary Education, partially counterbalanced by a falling off in the School Fees, which were Rs. 18,295-14-0 against Rs. 19,278-12-6 in the previous year.

3. The total expenditure for the year under review amounts to Rs. 1,62,400-6-1 against Rs. 1,55,680-2-6, being Rs. 6,720-3-7 in excess of the previous year. The increase is mainly due to the entertainment of additional establishment of Teachers, &c., to higher rents paid for increased accommodation, and to increased expenditure for repairs to school buildings and to the supply of kindergarten articles.

4. From the foregoing two paragraphs it will be seen that the excess of expenditure over receipts amounts to Rs. 15,672-13-1 against Rs. 13,137-13-0 in the previous year. This is, therefore, the third year in which the expenditure has been allowed to exceed the income.

5. Under Section 120 (*e*) of the Bombay Municipal Act, all endowments and interest accrued therefrom, as also the interest realized on the investments of the School Fund, form part of the School Fund, and as such they should be embodied in the Statement of Receipts and Charges for the year.

6. Out of the sale proceeds of the Government Promissory Notes amounting to Rs. 25,000, and the interest realized thereon pertaining to S. S. Bengalee School Fund, a building was purchased during the year at a total cost of Rs. 31,688-9-6. It may be mentioned here that the amount realized from the Trust Fund was not sufficient to meet the cost of the building, and a sum of Rs. 2,500-14-0 had to be advanced from the School Fund.

The funds at the disposal of the Joint Schools Committee on 31st March 1904 were as under :—

	Rs.	a.	p.
Government paper with the Bank of Bombay on account of Prize Fund	2,000	0	0
Cash Balance—			
In Bank of Bombay	29,125	10	9
In Office Treasury	242	0	4
Total ... Rs.	31,367	11	1

S. D. GUPTE,
HORMASJI SHAPURJI KATRAK,
Municipal Auditors.

BOMBAY, 16*th July* 1904.

ADMINISTRATION REPORT

OF

THE MUNICIPAL COMMISSIONER

FOR THE

CITY OF BOMBAY

FOR THE YEAR 1904-1905.

LIBRARY
OF THE
BOMBAY
BRANCH
OF THE
ROYAL ASIATIC SOCIETY

Bombay:
PRINTED AT THE TIMES PRESS.

1905.

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Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the City of Bombay for the year 1904-1905.

Corporation and Standing Committee.

1. The office of President of the Corporation was held during the year of report by Mr. James MacDonald, who had been President from 12th November 1903, and was re-elected to the office on the 11th April 1904. The Hon'ble Mr. Vithaldas Damodher Thackersey was Chairman of the Standing Committee for the year.

2. There were during the year 69 meetings of the Corporation, 53 of the Standing Committee, 112 of Committees of the Corporation and 61 of Sub-Committees of the Standing Committee. How the demand made by Municipal business on the time and attention of Councillors has grown within a decade will be seen from the fact that in 1893-94 the Corporation met only 59 times and the number of Meetings of Committees of the Corporation and Sub-Committees of the Standing Committee, taken together, were only 59.

3. On the 9th December 1904, when His Excellency Lord Curzon arrived in Bombay to assume the office of Viceroy and Governor-General of India for the second time, the customary address of welcome was presented to His Lordship by the Corporation.

4. During the year the Corporation were deprived by death of two of their colleagues, Mr. Hormasjee Shapurjee Vakil and Mr. R. R. Menneer, A.M.I.C.E. Three other vacancies were caused by resignation.

Commissioner.

5. Mr. W. L. Harvey, C.I.E., I.C.S., who had held the office of Municipal Commissioner for the City of Bombay with credit and distinction for about six years, finally severed his connection with the Municipality on the 7th March 1905, and Mr. W. D. Sheppard, I.C.S., was appointed by Government to succeed him.

Finance.

6. The year under review witnessed a phenomenal increase in revenue which reached the highest sum ever realized in the history of this Municipality, *viz.*, Rs. 93,36,112 against Rs. 84,82,625 in 1903-04, and this notwithstanding the fact that the taxes under all heads were the same in the year of report as in the previous year. The expenditure having amounted to Rs. 85,91,618 (against Rs. 84,31,389 in the previous year) a surplus of Rs. 7,44,494 accrued, although a deficit had been anticipated and was budgetted for to the extent of Rs. 4,49,724. The actual Income exceeded the Budget Estimate by Rs. 8,78,112, and the actual Expenditure was short of the Budget Estimate by Rs. 3,16,106, so that the Actuals were better than the Estimates to the extent of nearly twelve lakhs of rupees.

7. The opening balance of the year was Rs. 23,00,702, which, together with the year's excess of income over expenditure *less* an increase in the amount of the reserve stock balance, became a closing balance of Rs. 29,76,734. Deducting from this the sum of Rs. 5,74,910 reserved for lapsed grants of previous years required to be renewed in 1905-06 the Surplus Cash Balance at the close of the

year amounted to Rs. 23,01,823, exclusive of the minimum balance of Rs. 1,00,000 required by law. The Chief Accountant regards this surplus as apparent and not real, and he draws attention to the fact that allowance will have to be made for an anticipated increase in the refunds of Town Duties estimated at about Rs. 1,75,000, the deficit of Rs. 5,50,620 provided for in the Budget for 1905-06, the additional grants amounting to Rs. 85,594 sanctioned from the 1st April 1905 and Rs. 3,00,000 contributed to the museum and festivities in connection with the visit of T. R. H. the Prince and Princess of Wales. The Chief Accountant's remark is correct in reference to anticipated increases in Town Duty Refunds, but as regards the other items mentioned by him the Standing Committee do not see how the surplus of 1904-05 is rendered unreal because it is drawn upon for certain items of expenditure in 1905-06.

8. The large increase of over eight lakhs in the revenue is due partly to the development of some of the stable sources of the income of the Municipality such as property taxes, wheel tax, and tolls, partly to the fortuitous circumstance of an unexpected rise in the always fluctuating receipts from Town Duties, and partly (*i.e.*, to the extent of about Rs. 1,30,000) to a reduction in the amount of outstandings of income, that is, to greater promptitude in the collection of taxes. Making due allowance for all casual factors of expansion, the permanent addition to the income of the Municipality during the year under review is estimated by the Chief Accountant at about three lakhs.

9. With the increase in income there was a corresponding increase in the incidence of taxation, which rose from Rs. 9-6-11 per head in 1903-04 to Rs. 10-6-9 in the year under review. This rate of incidence being based on the census of 1901, which is believed not to have enumerated the population of Bombay at its full, cannot be relied on as quite accurate, and the actual incidence is no doubt lighter than indicated by the figure above given.

10. The total expenditure of the year shows an increase of only Rs, 1,60,228 over that of the previous year, notwithstanding the fact that in this year for the first time plague expenses were financed from revenue. After a consideration of the various items of expenditure in which increases have taken place, the Chief Accountant estimates the permanent increase at Rs. 1,25,000 made up as follows :—

General Stores	Rs. 16,000
Educational	„ 47,000
Debt	„ 47,000
Miscellaneous	„ 15,000
	Rs. 1,25,000

11. The total capital debt of the Corporation increased during the year from Rs. 4,74,20,355 to Rs. 4,86,12,762. The amount repaid towards the reduction of the debt was Rs. 82,594 and the amount newly borrowed Rs. 12¾ lakhs, *viz.*, the Water Works portion of the proposed loan of Rs. 37½ lakhs sanctioned by Government. Against the debt above mentioned the total Sinking Fund investments aggregated Rs. 53,22,276, leaving a net debt liability of Rs. 4,32,90,486.

12. Notwithstanding the financing of plague expenditure from current revenue, the expenditure on Loan Works increased from Rs. 6,45,522 in the preceding year to Rs. 9,21,635. This increase is due almost entirely to New Sewerage and Water Works, *e.g.*, the Low Level Channels from Tardeo Flats to Worli Point, Sewerage of the Malabar Hill District (Sectional) and Additional Filters at the Malabar Hill Reservoir.

13. Owing to several retrenchments the Municipal expenditure on plague operations amounted to Rs. 1,81,919 only, showing a reduction of 25 per cent. in the expenditure of the previous year, and a saving of Rs. 68,081 on the Budget

Estimate, which was Rs. 2,50,000. The total outlay on plague measures from the first outbreak of the disease up to the close of the year of report amounted to Rs. 64,89,062 towards which only Rs. 17,92,952 have been contributed by Government.

14. The establishment of a Central Store during the year shows a still further advance made in putting the Municipal Stores on a satisfactory footing. Much, however, yet remains to be accomplished in connection with the stocking and verification of stores and the disposal of obsolete and surplus stores, and the Commissioner's attention should be invited to the remarks made by the Chief Accountant in paras. 53 and 54 of his report regarding the work of the Storekeeper. The values assigned to the stores in stock on the last day of the year aggregated Rs. 7,85,715, showing a net increase of Rs. 68,462 over the valuation of the previous year. Out of this over 50 per cent. represents the value of surplus and obsolete stores.

Assessment and Collection of Taxes.

15. With an appreciable increase in the number of properties on the Assessment Book from 55,216 in the previous year to 55,669 in the year of report, the properties assessed for the General Tax numbered 42,727 against 42,331 in the previous year, the rest being either exempt under the Municipal Act or of insignificant value. The total assessment on the properties assessed for the general tax increased from Rs. 2,91,17,518 to Rs. 2,99,05,630, the increase being due to the erection of new buildings, under assessments in previous years and general rise in rents.

16. Inclusive of outstandings of the previous years amounting to Rs. 65,665, the total demand on account of property taxes came to Rs. 57,47,496, from which had to be foregone the amounts claimed for 1/5th draw-backs aggregating Rs. 90,166. The actual realization from the General Tax was Rs. 31,77,874, against Rs. 29,03,137 in 1903-04. The Water Tax (including compounded charges, water rate by meter measurement and other miscellaneous water works revenue) fetched Rs. 17,14,453 against Rs. 15,71,566, and the amount realized from the Halalkhore Tax (inclusive of charges for special service) was Rs. 8,75,193 against Rs. 8,10,609 for the previous year.

17. There was a rather unusual increase in the realizations from the tax on vehicles and animals, both private as well as public, the total receipts aggregating Rs. 4,01,720 against Rs. 3,84,034 for the previous year. The number of motor cars taxed rose from 5 in the previous year to 63 in the year under review, but on the other hand the number of cycles taxed decreased from 1,369 to 1,233.

18. It is satisfactory to note that in spite of the continuance of the revision of the prevailing assessments in the City, the number of appeals to the Chief Judge of the Small Causes Court was only 47 against 123 in the previous year. Of these only 5 were allowed, 40 were settled by consent and 2 were withdrawn. There was also an appreciable reduction in the number of complaints against assessment from 6,582 in the previous year to 4,681 in the year of report.

19. The gross revenue from Town Duties increased from Rs. 26,15,422 in the previous year to Rs. 29,52,381 in the year of report. On the other hand the refund of duty on goods exported after import shows a decrease of Rs. 82,698 over the refunds admitted during the previous year, so that the net revenue collected from Town Duties rose from Rs. 10,87,123 in 1903-04 to Rs. 15,06,780, an abnormally large increase which, the Revenue and Refund Audit Officer thinks, is to a great extent the natural result of the Municipal check that was instituted from the middle of the year under report over the certificates of exports at the two Railways. The correctness of this conclusion in the light of the further experience gained in the current year will shortly come under investigation by a Committee of the Corporation.

Executive Engineer's Department.

20. Several works of a more or less minor character were executed by the General Branch of the Executive Engineer's Department. In the Special Drainage Branch the works in connection with the scheme for subsoil and surface drainage commenced in the previous year were vigorously pushed forward and the works in connection with the Malabar Hill Sectional Sewerage Works together with several other minor works (including the filling in of the Gilder Tank) were in progress. The question of the surcharging of sewers was still under the consideration of the Committee appointed by the Corporation to report on the matter. In the Ordinary Branch 838 house connections were carried out at a cost of Rs. 31,886. In the Budget for the year of report a grant of Rs. 62,163 was provided for the purpose of constructing latrines and urinals for public covenience, but the works could not be carried out as the question of sites was not settled. Certain other latrines and urinals were constructed from the grant of Rs. 12,000 provided for the same purpose in the previous year's Budget. The construction of the night-soil depôt at Bamnoli, commenced last year, was completed, and the work in connection with the diversion of the Storm Water Drain in Frere Road, rendered necessary on account of the construction of the new Docks, was in progress.

21. Mr. A. Fairlie Bruce, M.I.C.E., Deputy Executive Engineer, Water Works, having been granted nine months' leave from 18th February 1905, preparatory to retirement from Municipal service, Mr. A. E. Sherring was appointed to conduct the duties of his office in addition to his own special duties.

22. The Standing Committee notice that the only mention made in the report regarding the collapse of the Tulsi Outlet Tunnel, which took place in September 1904, is that "owing to a settlement of the embankment over the outlet pipe the supply of water from Tulsi Lake had to be stopped from the 13th September 1904." Barring this mishap, the Water Works were maintained throughout the year in a state of efficiency. Progress in the construction of additional filters at the Malabar Hill Reservoir was slow. The rainfall for 1904 was fair, though not so plentiful as in the previous year, and the Tansa and Tulsi Lakes overflowed on 6th July and 20th July, respectively. The Vehar Lake did not overflow, the highest level reached by the water being ·10 feet below the waste-weir level. At Tansa Lake the rainfall was 73·90 inches against 103·12 in 1903; at Vehar it was 73·86 against 102·30, and at Tulsi 85·58 against 129·16.

23. 448 new water connections were made and 360 were cut off. The total number of connections was 20,921, showing an increase of 288 over that of the previous year. Of these 3,321 were metered.

24. The investigations of the Special Officer appointed to ascertain leakage and waste of water were continued during the year of report and it was ascertained beyond doubt that a very large quantity of water was leaking from the water mains and service pipes. The leaks were repaired as soon as discovered, and in consequence there was a marked improvement in the supply and pressure of water, despite the stoppage of supply from the Tulsi Lake on account of the works in connection with the collapse of the Outlet Tunnel.

25. The total number of building applications passed by the Department in the year of report was 2,614, which is an increase of 81 over the number passed in the previous year. For the removal of unsafe buildings 202 notices were issued, all of which were complied with. By Corporation Resolution No. 3743, dated the 24th November 1904, the Commissioner was requested to embody in his Administration Reports certain information regarding the removal of unauthorised works. As this is not given in the Report the Commissioner's attention should be invited to the Resolution. The improvement made in streets during the year is indicated by the addition to them of 4,896 square yards of land of the value of Rs. 1,53,716. Another

improvement was the planting of 526 trees protected with tree guards along different roads. The cost of repairing roads and keeping them in order was Rs. 4,24,990. As an experimental measure the whole of the Hornby Road from the King's Statue to the Arthur Crawford Markets exclusive of the Tramway tracts was treated with dressings of crude petroleum. The result is reported to have been eminently satisfactory. A similar experiment tried on the road way between 1st Chinch Bunder Road and Jail Road north was not successful owing to special circumstances. Another experiment was the treating of Dhobitalao 2nd Lane with tarred macadam. Here also the result appears to have been satisfactory. It is presumed a detailed report on the results of these experiments will in due course be submitted by the Commissioner to the Corporation. It was also proposed to treat a portion of a road with Westrumite, but the trial was abandoned on account of unsuccessful attempts to mix the substance with water and with amoniacal liquid according to the manufacturer's instructions.

26. For the lighting of the City 4,068 gas lamps and 1,754 kerosine oil lamps were maintained at a cost of Rs. 2,36,172 and Rs. 34,558 respectively. The gas lighting of the City is again reported not to have been very satisfactory. In a new contract made with the Bombay Gas Company on the 1st July 1905 adequate safeguards have been provided against dim and imperfect lighting, and it may be hoped that with these provisions a long standing complaint will be removed. The Municipal Offices and the Arthur Crawford Markets were as usual lighted with electricity at a cost of Rs. 8,896.

27. The value of the departmental and private work turned out at the Municipal Workshops aggregated Rs. 1,21,899. The motor meat-van purchased for the transportation of meat between the Bandora Slaughter Houses and the Crawford Markets is reported to have given the most satisfactory results without untoward stoppage of any kind.

28. The Fire Brigade was in an efficient state throughout the year and helped in putting out 88 fires. Property of the estimated value of Rs. 22,11,462, including a mill valued at Rs. 13,00,000, was destroyed by fire. The value of the property saved from destruction by the Fire Brigade is computed at Rs. 84,13,810. The cost of maintaining the Fire Brigade in the year of report was Rs. 1,34,282.

29. The steadily increasing popularity of the Victoria Gardens is indicated by an increase of over a lac in the number of visitors, which reached the total of 15,65,198. The maintenance charges of the Victoria and other gardens amounted to Rs. 66,230 against Rs. 66,038 in the previous year, and the cost of the maintenance of the Victoria and Albert Museum was Rs. 9,129 against 9,669 in 1903-04. The number of visitors to the museum again fell from 7,43,323 in the previous year to 7,04,370, in the year of report in which the museum was open for one day more than in the previous year.

Health Department.

30. All the statistics concerning births and deaths have to be compiled on the assumption that the population of the City numbers 776,096 although the general impression now is that the actual population is much more. Calculated on that basis the birth rate during the calendar year 1904 was 25·20 per mille against 21·10 in 1903-04 and the death rate was 54·99 against 65·09 in the previous year. The actual number of births registered was 19,556, the highest ever registered, and the actual number of deaths, exclusive of still born, was 42,676, the lowest recorded since the year 1896 when it was 33,451.

31. As in the previous year, the first four months of the year were much more unhealthy than the rest. It is again the Jain community that shows the highest birth rate (40·21) and the highest death rate (132·29). The lowest birth rate (14·74) is among Europeans, who, as usual, also show the lowest death rate; but

whereas in the case of all other communities the death rate was lower than that in the previous year, this community shows a somewhat higher rate, *viz.*, 16·94 as against 15·48. The next lowest rate of mortality (27·70) is again amongst the Parsis whose birth rate (27·92) is nearly the same as their death rate, the result, no doubt, of correct registration.

32. There was a remarkable decrease during the year in the mortality from plague which was 13,538 against 20,788 in 1903, in spite of the fact that the cold season was an abnormally severe one. There was again an epidemic of small-pox in the cold season, but its virulence was not so great as in the previous year, the number of deaths from the disease being only 568 against 1,477 in the previous year. From measles 229 persons died against 1,115 in 1903. Cholera also broke out during the year and against it 219 deaths were registered, but the mischief would have been very great had not the Department taken prompt precautionary measures. The Health Officer attributes the prevalence of this disease to the influx of pilgrims from Pandharpur and suggests that measures should be taken to protect the City from such danger in future.

33. Considerable as was the reduction in the City's mortality on the whole as compared with that of the previous year, the fatality amongst infants does not show a proportionate decrease. On the contrary there was an increase of 263 in the deaths of children under one year of age which numbered 8,981. On the basis of the last census population of infants under one year of age this gives the tremendous death rate of 903 per mille, but compared with the number of births registered in the year the rate is only 459 per mille.

34. The number of individual patients that took during the year the benefit of the free medical aid given to the poor by the ten Municipal Dispensaries and two other charitable dispensaries receiving a Municipal grant-in-aid was 96,500 against 92,879 in the previous year; the number of patients treated at their houses by the Dispensary Doctors being 1,829. The ten Municipal nurses attended 460 confinements against 276 in the previous year. A similar increase is noticeable in other cases of illness, births and deaths attended by them, and the total number of their house-to-house visits was 68,265 against 51,274 in 1903-04. The number of notification of infectious diseases received from qualified medical men also increased from 2,661 in the previous year to 4,002 in the year of report.

35. There were 980 admissions and 247 deaths at the Arthur Road Hospital where infectious diseases other than plague where treated. The Modikhapa Hospital for plague which was built by the Plague Committee in 1898, was closed on 30th June 1904 as the site was required for the extension of the Docks. From the commencement of the year up to that date 624 patients were admitted, of which 232 recovered. At the Maratha Plague Hospital there were 1,267 admissions, including the patients transferred from the Modikhana Hospital, and 832 deaths. A trial was given during the year to several special methods of treatment, *viz.*, treatment by carbolic acid, by injections of Izal, by Adrenalin Chloride and by various kinds of sera.

36. There was a fairly large increase in the quantity of conservancy work done by the Health Department during the year. 7,22,635 cart loads of rubbish were emptied at the Tardeo Flats and other places against 7,11,794 in the previous year, and 1,48,912 night-soil and cesspool carts and 32,50,409 night-soil baskets were emptied at night-soil depôts against 1,51,208 cesspool carts and 26,72,995 night-soil baskets. The work of cleansing house drains and removing chokes was transferred in the year of report from the Drainage Department to the Health Department with a view to save unnecessary correspondence and delays.

37. It was a happy idea of the Bombay Sanitary Association to organize a Health Section in connection with the Industrial and Agricultural Exhibition held in the City under the auspices of the Indian National Congress. Towards the cost of this section a grant of Rs. 5,000 was voted by the Corporation. At

this section various modern appliances and materials of sanitary interest were exhibited and explained to the public, and a large number of people availed themselves of the rare opportunity thus offered to them of acquiring some knowledge of diverse theories and up-to-date methods of sanitation.

License Department.

38. The number of licenses issued during the year rose from 6,474 during the previous year to 6,576, the receipts from license fees aggregating Rs. 75,149 against Rs. 73,830 in 1903-04. In November 1904 the power of issuing licenses for the sale of poisons under Act VIII of 1866, which had heretofore been vested in the Commissioner of Police, was delegated by the Municipal Commissioner to the Superintendent of Licenses.

Markets.

39. There was a slight fall in the receipts from the Municipal Markets and Slaughter Houses which amounted to Rs. 4,49,512 against Rs. 4,55,419 in the previous year.

Primary Education.

40. With a liberal increase in the Government and the Municipal contributions to the School Fund, the receipts for the year amounted to Rs. 2,24,545 against Rs. 1,46,727 for the year 1903-04 and the number of Municipal Schools maintained by the Joint Schools Committee increased from 86 to 91 with 7,530 pupils against 7,115 for the preceding year. The number of aided schools also increased from 94 to 103 with 9,131 pupils against 8,449. The total grant-in-aid awarded to the aided schools was Rs. 28,193 against Rs. 23,863 in 1903-04. Several measures for the improvement and expansion of primary education were taken in hand and some are under contemplation. The teaching staff was strengthened, accommodation was improved and the schools were equipped with kindergarten appliances, object lessons, charts, physical appliances, &c. The expenditure in consequence rose from Rs. 1,62,400 in the previous year to Rs. 1,82,986 in the year of report.

Conclusion.

41. In concluding this review the Standing Committee have pleasure in congratulating the Commissioner, Mr. Harvey, on the satisfactory results of his administration for the year.

K. E. DADACHANJI,
Chairman, Standing Committee.

Municipal Corporation Office,
BOMBAY, 20*th December* 1905.

Annual Administration Report of the Municipal Commissioner for the City of Bombay for the Year 1904-05.

Introductory.

Mr. W. L. Harvey, C.I.E., I.C.S., held the Office of the Municipal Commissioner for the City of Bombay till the 7th March 1905 and was succeeded by Mr. W. D. Sheppard, I.C.S.

2. The general health of the City on the whole was satisfactory during the year under report.

3. No circumstances arose in any Department of the Municipality in which it was necessary to put into operation the provisions of the Municipal Servants' Act.

I.—Corporation and Standing Committee.

CORPORATION.

4. Mr. James MacDonald was re-appointed President of the Corporation at the Meeting held on the 11th April 1904, and held that appointment throughout the year.

5. Sixty-nine Meetings of the Corporation, one attendance for the presentation of an Address of Welcome to Lord Curzon, Viceroy and Governor-General of India, and one hundred and twelve Meetings of Committees of the Corporation other than the Standing Committee were held. Eleven other Committee Meetings were convened, but could not be held.

6. The changes that took place during the year in the *personnel* of the Corporation were as follows :—

Mr. Hormusji Shapurji Vakil died on 11th January 1905, and in his place Mr. Motilal Kanji Kapadia, B.A., LL.B., was elected by the ratepayers on the 8th February 1905.

Mr. R. R. Menneer, A.M.I.C.E., died on the 24th April 1904, and in his place Mr. R. J. Kent, A. M. I. C.E., was appointed by Government on the 11th May 1904.

Mr. H. G. Gell resigned his seat on the 27th May 1904, and in his place Mr. M. Kennedy was appointed by Government on the 30th May 1904.

Mr. M. Kennedy resigned his seat on the 26th November 1904, and in his place Mr. H. G. Gell was appointed by Government on the 1st December 1904.

The Hon'ble Mr. S. Rebsch, M. I. C. E., resigned, and in his place the Hon'ble Mr. G. O. W. Dunn was appointed by Government on the 11th May 1904.

7. The following Councillors were absent from the Corporation for the period shown below for reasons approved by the Corporation under Section 17 (*b*) of the Municipal Act :—

Name.	Period.
Mr. Bhaishanker Nanabhai	From 1st August to 31st December 1904.
Mr. T. W. Cuffe	From 1st August to 31st October 1904.
Mr. Jehangir B. Petit	From 1st April to 22nd September 1904.
Mr. A. McKenzie	From 16th April to 24th November 1904.

THE STANDING COMMITTEE.

8. The Hon'ble Mr. Vithaldas Damodhar Thackersey was appointed Chairman of the Standing Committee at the Meeting held on the 20th April 1904; and held that appointment throughout the year.

9. There were fifty-two regular Meetings and one Special Meeting of the Standing Committee and sixty-one Meetings of Sub-Committees thereof; eight other Sub-Committee Meetings were convened, but could not be held.

10. There were one hundred and four attendances of members for signing cheques and fifty-one for the audit of Municipal Accounts.

11. The changes that took place during the year in the *personnel* of the Standing Committee were as follows:—

Mr. H. G. Gell resigned his seat on the 27th May 1904, and in his place Mr. M. Kennedy was appointed by Government on the 30th May 1904.

Mr. M. Kennedy resigned his seat on the 26th November 1904, and in his place Mr. H. G. Gell was appointed by Government on the 1st December 1904.

12. The following is the list of Municipal Councillors who held office on the 31st March 1905:—

MR. JAMES MACDONALD, J.P., *J—President.*

ABDUL HUSSEIN ADAMJI PIRBHAI, MR., J.P., *R.* (C Ward)
ABDUR RUZZAK BIN KARTAS, KHAN BAHADUR, J.P., *G*
ARDASIR FRAMJI UNWALLA, MR., B.A., J.P., *C*
BAPTISTA, JOSEPH, MR., B.A., LL.B. (Cantab.), L.C.E. (Bombay), BAR.-AT-LAW, *R* (E Ward).
BHAGWANDAS NAROTAMDAS, MR., J.P., *J*
BHAISHANKAR NANABHAI, MR., J.P., *J*
BHALCHANDRA KRISHNA BHATAWADEKAR, SIR, KT., L.M., J.P., *R* (D Ward)
CHIMANLAL H. SETALWAD, THE HON'BLE MR., B.A., LL.B., J.P., *U*
COLLIE, M. A. T., LIEUT.-COL., I.M.S., J.P., *J*
COWASJI JEHANGIR READYMONEY, MR., B.A. (Cantab.), J.P. *J*
CUFFE, T. W., MR., J.P., *G*
D. G. PADHYE, MR., M.A., *U*
DARASHAH RATANJI CHICHGUR, THE HON'BLE KHAN BAHADUR, J.P., *J*
DAVID, SASSOON J., MR., J.P., *G*
D'MONTE, DOMINICK A., MR., M.D., L.R.C.P. (London), L.M. & S., M.R.C.S., L.M.F.P.S.A., F.R.G.S., M.R.A.S., J.P., *J*
DHAKJI KASHINATHJI, RAO BAHADUR, J.P., *R* (C Ward)
DIMMOCK, H. P., LIEUT.-COL., M.D. (Durham), M.R.C.S., L.R.C.P., L.M.S., J.P., *G*
DINANATH BALKRISHNA NAIK, MR., L.M. & S., J.P., *R* (B Ward)
DINSHA BOMANJI PESTONJI MASTER, MR., L.M. & S., J.P., *R* (C Ward)
DINSHAW EDULJI WACHA, MR., J.P., *R* (A Ward)
DUNN, G. O. W., MR., M.I. C.E., J.P., *G*
DWARKADAS DHARAMSEY, MR., J.P., *G*
ELAPPA BALARAM, RAO BAHADUR, J.P., *R* (E Ward)
FAZALBHAI KARIMBHAI IBRAHIM, MR., J. P., *R* (B Ward)
FAZALBHAI JUMABHAI LALJI, MR., *R* (B Ward)
FORBES, C. H. B., MR., J.P., *CC*
FRAMJI DORABJI FRAMJI PANDAY, MR., J.P., *R* (A Ward)
GELL, H. G., MR., J.P., *G*
HARI SITARAM DIKSHIT, THE HON'BLE MR., B.A., LL.B., *R* (D Ward)
HURKISONDAS NAROTUMDAS, SIR, KT., J.P., *G*
IBRAHIM RAHIMTOOLA, THE HON'BLE MR., J.P., *J*
INGLIS, D. M., MR., *CC*
JAFARBHAI RAHIMTULA, MR., B.A., BAR.-AT-LAW, J.P., *R* (B Ward)
JAGMOHANDAS VARJIVANDAS, MR., J.P., *R* (C Ward)
JAMSETJEE JEJEEBHOY, SIR, BART., J.P., *G*
JAMSHEDJI ARDASIR WADIA, MR., J.P., *J*
JEHANGIR BOMANJI PETIT, MR., J.P., *R* (D Ward)
JEHANGIR J. KHARSETJI, MR., M.D., I.R.C.P., L.R.C.S., *R* (C Ward)
KALIANDAS KESHAVDAS, MR., B.A., J.P., *J*
KARAMALI PIRBHAI HAJI, MR., *R* (B Ward)
KARIMBHAI ADAMJI PIRBHAI, MR., *R* (G Ward)
KAVASJI EDALJI DADACHANJI, MR., L.M. & S., *R* (D Ward)
KAZI KABIRUDIN KAZI MOULVI BAKIR MR., BAR.-AT-LAW, J.P., *R* (E Ward)
KENT, H, J., MR. A M I, C.E., *G*
LAKHAMSI HIRJI MEISHERI, MR., BA., LL.B., *R* (B Ward).
LAKHAMSI NAPURSHA, MR., *R* (B Ward)
LUND, G., MR., J.P., *G*
McBAIN, J. A. D., MR. J P., *J*
MAHOMEDBHAI KARIMBHAI IBRAHIM, MR., J.P., *R* (E Ward)
MANORDAS TRIBHOVANDAS, MR., *R* (D Ward)
McKENZIE, A., MR., J.P., *G*
MOTILAL KANJI KAPADIA, MR., B.A., LL.B. *R* (C Ward)
MUNCHERJI COWASJI MURZBAN, KHAN BAHADUR, F.R.I.B.A., M.I.C.E., C.I.E., J.P., *J*
MUIRHEAD, A., MR., J.P., *G*
MULJI B. BARBHAYA, MR., J.P. *G*
MUNMOHUNDAS RAMJI, MR., J.P., *R* (C Ward)
NADIRSHAW HORMUSJI EDULJI SUKHIA, MR., L.M. & S., L.V. Sc., Mem. Sany. Inst. (London), *R* (A Ward)
NANABHAI NASSARWANJI SAHER, MR., B.A., LL.B. (Cantab.), BAR.-AT-LAW, *R* (A Ward)
NANABHAI NAVROSJI KATRAK, MR., L. M. & S., J.P., *R* (A Ward)
NARAYEN VISHVANATH MANDLIK, MR., B.A., LL B., J.P., *J*
NOWROJI JEHANGIR GAMADIA, MR., J.P., *R* (A Ward)
PHEROZESHAH M. MEHTA, THE HON'BLE SIR, K.C.I.E., M.A., BAR.-AT-LAW, J.P., *J*
RATANJI JAMSHETJI TATA, MR., J.P., *J*
SARAFALI MAMOOJI, MR., *R* (B Ward)
SHAVAKSHA SORABJI BATLIWALA, MR., L.M. & S., *R* (F Ward),
SORABJI KHARSETJI DHONDI, MR., *R* (E Ward)
SYMINGTON, J. H., MR., J.P., *G*
VIEGAS, ACCACIO GABRIEL, MR., L.M. & S., J. P., *J*
VITHALDAS DAMODAR THACKERSEY, THE HON'BLE MR., J.P., *R* (C Ward)
VITHALRAO KRISHNAJI VANDEKAR, RAO BAHADUR, J.P., *R* (B Ward)
HAJI YOOSOF HAJI ESMAIL, MR., J.P., *R* (E Ward)

NOTE.—The letters against the names signify—*R*, that the member was elected by the Rate-payers; *J*, by the Bench of Justices; *C*, by the Chamber of Commerce; *U*, by the University; and *G*, appointed by Government.

II.—Heads of Departments.

13. Mr. J. Hall, M.I.C.E, M.I.M.E., &c., continued as Executive Engineer throughout the year.

14. Mr. C. C. James, M.I.C.E., continued as Deputy Executive Engineer, Drainage, Special Branch, throughout the year.

15. Mr. N. Maughan, A.M.I.C.E., continued as Deputy Executive Engineer, Drainage, Ordinary Branch, throughout the year.

16. Mr. A. Fairlie Bruce, M.I.C.E., Deputy Executive Engineer, Water Works, has been granted nine months' leave with full pay from the 18th February 1905, and Mr. Arthur E. Sherring, C.E., Deputy Executive Engineer, Water Works, Special Branch, has been appointed to look after Mr. Bruce's duties in addition to his own from 20th February 1905.

17. Dr. J. A. Turner, M.B., D.PH., continued as Executive Health Officer, throughout the year.

18. Dr. C. H. Cayley, M.A., M.D., Divisional Health Officer, No. 1 Division, was on privilege leave for three months from 28th May 1904 to 27th August 1904, and on sick leave on half pay from 31st August 1904 to 28th October 1904. During these periods Dr. W. Venis, D.PH., Divisional Health Officer, No. 2 Division, was appointed to look after Dr. Cayley's work, and Dr. K. B. Shroff, Deputy Health Officer, and District Registrar, No. 6 District, was appointed to act as Divisional Health Officer, No. 2.

19. Dr. Sorab C. Hormusjee continued as Divisional Health Officer, No. 3 Division, throughout the year.

20. Khan Bahadur Dr. N. H. Choksy, Special Assistant Health Officer, was on sick leave for six months from 7th May 1904 and Dr. D. A. Turkhad was appointed to act for him.

21. Mr. W. E. Waite, Chief Accountant, was on privilege leave from the 4th January 1904 to the 11th March 1904, and Mr. Maneckshah Cawashah Taleyarkhan, Deputy Accountant, was appointed to act as Chief Accountant.

22. Mr. R. P. Brunton, Assessor and Collector, retired from Municipal service from 1st July 1904, and Mr. Behramji D. Banaji has been appointed as Assessor and Collector from that date. Mr. Banaji continued as Assessor and Collector till the end of the year.

23. Mr. M. N. Wadia continued as Municipal Secretary throughout the year.

24. Mr. W. Pearson, Revenue and Refund Audit Officer, became ill in October 1904, and Mr. Sorabji Bomanji Master was appointed to act as Revenue and Refund Audit Officer from 15th October 1904 and was confirmed in that appointment on 26th October 1904, on the death of Mr. Pearson. Mr. Master continued as Revenue and Refund Audit Officer till the end of the year.

25. Mr. Sorabji Bomanji Master continued as Superintendent of Licenses till 15th October 1904 when he was appointed to act as Revenue and Refund Audit Officer. Mr. L. W. Michael, Assistant Assessor, was appointed to act as Superintendent of Licenses, but as he had then been acting as Superintendent of Markets, Mr. Byramji P. Mehta, Senior Inspector, was put in charge of the License Department till Mr. Michael was relieved and was able to take charge on 3rd November 1904. Mr. Michael continued as Superintendent of Licenses till the end of the year.

26. Mr. Douglas Bennett, Superintendent of Markets, went on privilege leave from 5th October 1904 to 3rd November 1904 during which period Mr. L. W. Michael, 1st Assistant Assessor, was appointed to act for him.

27. Mr. Cecil L. Burns, Secretary and Curator, Victoria and Albert Museum, was on leave for six months from 1st May 1904 and Mr. Jasper Brett, Vice Principal, Sir J. J. School of Art, was appointed to act as Secretary and Curator.

28. Mr. C. D. Mahaluxmiwala continued as Superintendent of Gardens throughout the year.

29. Mr. W. Nicholls continued as Chief of Fire Brigade throughout the year.

30. Mr. N. B. Masani continued as Secretary, Joint Schools Committee, throughout the year.

31. Mr. Anandrao Wamon Shete continued as Assistant to Commissioner and Superintendent of Printing and Stationery throughout the year.

III.—Financial.

I.—General.

32. The general results of the year have been such as the most sanguine expectations could not have believed attainable, and have very materially assisted in placing the finances of this Municipality on a sound basis and augmenting the margin of its borrowing powers. The year opened with a working cash balance of Rs. 23,0[illegible],702. The revenue realised during the year reached the unprecedentedly high figure of Rs. 93,36,112, while the expenditure which did not rise much above its normal level stood at Rs. 85,91,618. There was thus an appreciable surplus of Rs. 7,44,494, which went to augment the revenue balances. The year closed with a working cash balance of Rs. 29,76,734, of which Rs. 5,74,910 is reserved for lapsed grants required to be renewed in 1905-06 and subsequent years. The surplus cash balance at the close of the year thus amounted to Rs. 24,01,823 including the minimum of Rs. 1,00,000 required by law. In reference to this surplus, however, attention is invited to para. 33 of the Chief Accountant's Report which I have every reason to consider represents the actual state of our *real* surplus balances.

II.—Income.

33. The revision of the prevailing assessments in the City, combined with activity in the house-building trade, and the general prosperity of the City, has resulted in a most extraordinary expansion in our revenues, the income realized during the year, *viz.*, Rs. 93,36,112, being better than the original estimate by Rs. 8,78,112. The increases were derived principally from the Property Taxes, Wheel Tax and Tolls, Town and Tobacco Duties and Returns from Property and Miscellaneous. The reasons for the deviations have been exhaustively dealt with by the Chief Accountant in paras. 16 & 17 of his report.

34. Although the taxes levied during the year were at the same rates as in the previous year, the incidence of taxation per head of population owing to the above large increase in income rose from Rs. 9-6-11 in 1903-04 to Rs. 10-6-9 in 1904-05. I am inclined to the belief that the incidence of taxation per head on the basis of the census taken in 1901 is misleading, as there is every reason to consider that the population of the City is much greater than the census indicated.

35. As compared with the revised estimate there is an increase of Rs. 3,73,642, and eliminating the increase of Rs. 2,16,943 under Town Duties, the net increase amounts to Rs. 1,56,699 or 2 per cent. of the estimate, the reasons for which are explained in para. 18 of the Chief Accountant's report.

36. The actual income obtained during the year as compared with the preceding year shows a net increase of Rs. 8,53,486, of which Rs. 4,82,208 were obtained from Property Taxes, Rs. 2,47,970 from Town Duties, Rs. 57,476 from Returns from Property and Miscellaneous, and the remaining Rs. 65,832 from other items. The Chief Accountant in his para. 19 places the permanent increase in revenue at about Rs. 3,00,000.

III.—Expenditure.

37. Turning to expenditure it will be seen that against the total sanctioned grants aggregating Rs. 93,26,641, the actuals amounted to Rs. 85,91,618, leaving an unexpended balance of Rs. 7,35,023. Of the latter amount Rs. 5,74,910 require to be renewed, leaving the net saving at Rs. 1,60,113, which was principally effected under the Executive Engineer's Department, New Works, and Public Health Department.

38. As compared with the preceding year there is a net increase of Rs. 1,60,228, which is entirely due to the Plague expenses having been met from current revenue for the first time. There are decreases aggregating Rs. 4,68,265, principally under Public Health Department, Contribution to the City Improvement Trust and Interest on Loans and repayment of Debt. But these have been almost counterbalanced by increased expenditure under Engineer's Department, Education, Investments, and other heads. In para. 31 of his report the Chief Accountant estimates the permanent increase at Rs. 1,25,000.

39. The amount of lapsed grants requiring renewal has again gone up by Rs. 79,118 which is explained by the Chief Accountant as due to circumstances beyond the control of his department, *vide* his para. 25.

IV.—Loan and Plague Expenditure.

40. The expenditure on Loan Works amounted to Rs. 9,21,635 against Rs. 6,45,522 in the preceding year, the increase being noticeable entirely under Sewerage and Water Works.

41. The expenditure on Plague measures amounted to Rs. 1,81,919, which shows a decrease of Rs. 61,969 on the expenditure in the preceding year. This may be ascribed to careful management of Plague Funds and to retrenchments effected in various items.

42. On the construction of Health Camps and Discretional Relief for which funds were allotted by Government, Rs. 16,351 and Rs. 2,427 respectively were expended.

43. Including the expenditure on Health Camps and Discretional Relief, the total expenditure on Plague measures in the City from the commencement of the operations to the close of the year under report aggregated Rs. 64,89,062, of which Rs. 17,92,952 or over 27 per cent. have been contributed by Government and the balance met by the Municipality partly from the Plague Loan of Rs. 20 lakhs and partly by an advance from Loan Fund balances.

V.—Debt and Sinking Fund.

44. During the year Government having sanctioned the raising of the Water Works portion, amounting to Rs. 12¾ Lakhs, of the proposed 37½ Lakhs Loan, the former amount was raised. This loan was taken up at 103½ per cent. and the premium realised, *viz.*, Rs. 44,625 was, after meeting stamp, brokerage and printing, &c., charges, aggregating Rs. 8,470, added to the Premia Fund.

45. The payments made by the Municipality during the year towards the reduction of debt amounted to Rs. 82,594. The amount of loan raised during the year being Rs. 12¾ lakhs, the net addition made during the year to the capital liabilities of the Corporation was Rs. 11,92,406 and the total Municipal debt was increased from Rs. 4,74,20,356 at the close of 1903-04 to Rs. 4,86,12,762 at the close of 1904-05.

46. Against this debt the total Sinking Fund invested up to the close of the year amounted to Rs. 53,22,276 which left the net Debt Liabilities of the Corporation at the close of the year at Rs. 4,32,90,486. Attention is invited to para. 36 of the Chief Accountant's report, from which it will be seen that the different Sinking Funds investments were examined during the year and found to be in order.

VI.—Assets and Liabilities.

47. The Assets and Liabilities of the Municipality at the close of the year as compared with the preceding year stand as follow :—

—	At the close of 1903-04.	At the close of 1904-05.	Increase.
	Rs.	Rs.	Rs.
Assets	6,56,68,420	6,85,78,144	29,09,724
Liabilities	5,00,30,240	5,13,85,322	13,55,082
Excess of Assets over Liabilties	1,56,38,180	1,71,92,822	15,54,642

48. The Assets are represented by (1) Cash Balance and investments Rs. 1,12,33,928, (2) Advances recoverable and other items Rs. 2,88,567, (3) Reserve Stock Rs. 7,85,715, (4) Landed and other properties Rs. 5,44,30,827, and (5) Land transferred to the City Improvement Trust Rs. 18,39,108.

49. Of the total Liabilities Rs. 4,86,12,762 represent the Capital Debt, Rs. 7,51,819 deposits lodged by Contractors and others, Rs. 1,81,603 undischarged liabilities and other items, and Rs. 18,39,108 booked value of the land transferred to the City Improvement Trust.

50. Explanation regarding the increases in the amounts of Assets and Liabilities will be found in the Chief Accountant's report.

51. In regard to the revision of the book value of Municipal properties, attention is invited to para. 46 of the Chief Accountant's report with which the Commissioner fully agrees.

52. The Stores had a total reserve stock balance on 31st March 1905 amounting to Rs. 7,85,715, out of which Rs. 3,95,177 or over 50 per cent. represent the value of the Surplus and Obsolete Stores which will be disposed of as opportunities offer to the best advantage of the Municipality.

53. The Water Works Income and Expenditure account shews a surplus of Rs. 53,699 against a deficit of Rs. 1,16,285 in the preceding year.

54. The Workshops made a profit of Rs. 17,077 during the year.

55. The surplus to the credit of the Fire Tax was increased during the year to Rs. 1,33,923.

56. As required in the Standing Committee's Resolution No. 12212, dated 2nd February 1892, the net Revenue and net Expenditure for 1904-05 and the preceding year are given in the following statement :—

Particulars.	1903-04.	1904-05.
	Rs. a. p.	Rs. a. p.
Net Revenue after deducting Refunds, Drawbacks and Charges in respect of Assessment and Collection and granting of Refunds.		
General Tax	26,71,489 2 3	29,42,629 6 0
Fire Tax	9,972 11 7	13,372 15 1
Wheel-tax and Tolls	3,90,339 8 8	4,13,452 12 6
Town Duties	10,72,157 0 3	13,02,755 11 2
Receipts from Government for Liquor Licenses and Tobacco Duty.	3,83,813 11 0	4,04,494 5 8
Water Revenue (net)	.....	53,699 0 7
Market Receipts	2,99,193 9 2	3,10,820 12 2
Returns from other Property and Miscellaneous	2,71,162 5 4	2,65,018 2 1
Net Receipts ... Rs.	50,98,128 0 3	57,06,243 1 3
Net Expenditure after deducting Receipts.		
General Superintendence	2,03,596 8 3	1,99,701 11 5
Public Gardens	56,025 11 11	54,385 7 2
Public Works (Engineer's Department, excluding Water Works)...	13,10,302 15 7	14,86,633 8 2
Water Works	1,16,285 5 2	.....
New Works (excluding Water Works)	66,955 11 6	83,680 0 2
Public Health Department (excluding Markets)	9,18,385 8 6	7,37,422 11 2
Municipal Debt (excluding Water Works)	12,95,154 10 3	12,11,588 0 0
Police	5,00,381 6 0	5,01,075 6 5
Education	1,12,857 11 3	1,59,762 15 3
Hospitals	54,625 3 1	57,000 0 0
Pensions, Gratuities, and Compassionate Allowances	34,128 9 1	53,236 2 1
Miscellaneous	28,192 14 3	41,343 14 9
Contribution to the City Improvement Trust	3,50,000 0 0	2 00,000 0 0
Plague expenses...	.....	1,81,919 6 8
Net Expenditure... Rs.	50,46,892 2 10	49,61,749 3 3
Surplus ... ... Rs.	51,235 13 5	7,44,493 14 0
Total Rs. ...	50,98,128 0 3	57,06,243 1 3

57. The Revenue, Expenditure and Balances of the last five years have been contrasted in the following table :—

	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.
	Rs.	Rs.	Rs.	Rs.	Rs.
Revenue	84,02,848	(*b*) 77,66,730	(*e*) 81,75,688	(*i*) 84,82,626	(*k*) 93,36,112
Expenditure	85,84,058	(*c*) 82,26,458	(*f*) 84,55,898	84,31,390	(*l*) 85,91,618
Closing balance (including recoverable advances to Loan Works, Reserve Stock, &c., and excluding Minor Deposits, &c.) ...	(*a*) 37,04,157	(*d*) 32,44,429	(*g*) 29,66,719	(*j*) 30,17,955	(*m*) 37,62,449
Add—Recoverable Revenue Outstanding ...	3,56,000	2,28,000	1,75,000	2,93,800	1,59,600
	40,60,157	34,72,429	31,41,719	33,11,755	39,22,049
Deduct—Uncompleted works, &c., the unexpended balances of the grants for which were required for payment in the following year...	8,16,939	6,00,431	(*h*) 7,07,652	4,95,792	5,74,910
Net workable balance available for requirements of the following year	(*a*) 32,43,218	(*d*) 28,71,998	(*g*) 24,34,067	(*j*) 28,15,963	(*m*) 33,17,139

(*a*) Excluding Rs. 7,20,457 on account of the value of Reserve Stock on hand on 31st March 1901, the net closing balances amounted to Rs. 29,83,700 and Rs. 25,22,761, respectively.

(*b*) In this year the General Tax was reduced from 12½ to 10½ per cent., and the duties on grain and firewood from annas 6 and annas 2 per candy, respectively, to annas 4 and anna 1 per candy.

(*c*) In this year the levy of water charges on Municipal Buildings, except those actually let, was discontinued under legal advice, and grain compensation to Municipal employés was stopped.

(*d*) Excluding Rs. 7,10,597 on account of the value of Reserve Stock on hand on 31st March 1902, the net closing balances amounted to Rs. 25,33,832 and Rs. 21,61,401, respectively.

(For further notes see next page.)

IV.—Assessment and Collection of Revenue.

58. The total amount collected under all heads exclusive of miscellaneous receipts was Rs. 58,89,838-8-10 against Rs. 54,46,545 collected during the past year. The amount of miscellaneous receipts aggregated Rs. 34,245-1-3 against Rs. 28,382-1-4 during 1903-04.

59. The number of properties in the Assessment Book on the 31st March 1905 was 55,669 against 55,216 for the preceding year.

60. Complaints against the Assessment numbered 4,681 against 6,582 during 1903-04.

61. There were 47 appeals to the Chief Judge of the Small Causes Court against 123 last year. Of these 5 were allowed, 40 were settled out of Court and 2 were withdrawn by the appellants.

REVENUE AUDIT.

62. The books and balances of the ward clerks in the seven ward offices were duly examined at the end of each quarter and the bills checked in detail after comparison with the Head Office Accounts. The Assessment Books in the Head Offices were also examined with a view to ascertain that no taxation of property had been evaded. The revenue from public land conveyances was audited and certificates of issue of licenses were duly checked with the Register. The number of claims for $\frac{1}{5}$th drawback aggregated 15,497, of which 10,138 were admitted. 17,783 entries relating to alteration in valuation and in demand were checked. The number of complaints against valuation under Section 163 of the Municipal Act heard by the Revenue and Refund Audit Officer aggregated 1,660 against 874 for the previous year, and the number of decisions on complaints against amendments under Section 167 scrutinized amounted to 496 against 287 for the past year. The books of the toll farmers at Mahim and Sion Causeways were checked as also the revenue receipts and vouchers of the different departments.

63. The number of claims to refund for vacancy under Sections 174 to 179, and on account of over collections scrutinized and sanctioned aggregated 1,975, representing Rs. 32,054-4-5.

TOWN DUTIES.

64. The total collections for the year amounted to Rs. 29,52,381-8-8 against Rs. 26,15,422-11-0 in the past year. Out of this the amount refunded was Rs. 14,45,600-10-0 resulting in net revenue of Rs. 15,06,780-14-8 against Rs. 10,87,123-2-0 for the preceding year.

65. The number of refund claims dealt with was 40,656 against 41,247 in the preceding year.

V.—Public Works.

DRAINAGE.

66. The engines and pumps at Love Grove Pumping Station worked satisfactorily during the year.

67. The machinery at the Colaba and Love Grove Air Compressor Stations and the several Ejector Stations also worked well.

(e) Includes an abnormal revenue from Town Duties. In this year the duty on ghee was reduced from annas 10 to annas 8 per maund.

(f) Includes arrears of Police charges, contribution towards the celebration of the Coronation Festivities in Bombay, larger contribution paid to the City Improvement Trust and other Items.

(g) Excluding Rs. 6,94,134 on account of the value of Reserve Stock on hand on 31st March 1903, as per books, the closing balances amounted Rs. 23,72,363 and Rs. 17,39,913, respectively.

(h) Includes full outstanding interest charges on the Municipal loans, while the amount renewed in the previous year was short by one lakh owing to a smaller provision made in the budget.

(i) In this year the duty on ghee was raised from annas 8 to annas 10 per maund and there was a considerable increase from Property Taxes.

(j) Excluding Rs. 7,17,253 on account of the value of Reserve Stock on hand on 31st March 1904, the net closing balances amounted to Rs. 23,00,703 and Rs. 10,98,710, respectively.

(k) Includes large increases in the Property Taxes and an abnormally large revenue from Town Duties.

(l) Includes Rs. 1,81,919-4-8 on account of Plague expenses debited to current revenue for the first time.

(m) Excluding Rs. 7,85,715 on account of the value of Reserved Stock on hand on 31st March 1905, the net closing balances amounted to Rs. 29,76,734 and Rs. 25,81,424, respectively.

68. The street portions of house drainage connections carried out numbered 838 at a cost of Rs. 31,886-6-2.

69. A number of latrines and urinals were constructed during the year to meet the public convenience.

70. Works in connection with the sanitary arrangements of the various Health Camps, Observation Camps and Plague Hospitals were carried out by the Drainage Department, Ordinary Branch.

71. Details of the works executed by the Drainage Departments, Special and Ordinary Branches, are given in the Executive Engineer's report.

WATER WORKS.

72. *Tansa Lake.*—The rainfall for 1904 was 73·90 inches against 103·12 inches for 1903. The total quantity of water received in the Lake was about 20,346 millions of gallons or 39·1 per cent. of the rainfall on the catchment area of 52·5 square miles. One burst occurred in the 48″ main at Vincent Road and there were three bursts in the main supplying Tansa water from Chinchpogli to the Malabar Hill Reservoir.

73. *Vehar Lake.*—The rainfall for 1904 was 73·86 inches against 102·30 inches for 1903. The total rainfall which fell on the whole of the drainage area of 3,900 acres was 6,300 millions of gallons, of which 4,565 millions of gallons or about 72·4 per cent. of the total rainfall reached the lake. During the year there were 3 bursts on the 32″ Main.

74. *Tulsi Lake.*—The rainfall for 1904 was 85·58 inches against 129·16 inches for 1903. The total quantity of rainfall on the whole drainage area of 1,700 acres was 3,075 millions of gallons, of which 1,958 millions of gallons reached the lake. This is about 63·7 per cent. of the total rainfall. Owing to the settlement of the embankment at the outlet pipe tunnel, the supply of water from the Tulsi Lake had to be partially stopped from the 13th September 1904.

75. *Supply and Distribution.*—The Executive Engineer has given in his report a description of the several mains either laid or sanctioned.

76. There were 139 bursts in different mains, 448 new connections were made and 360 connections were cut off for various reasons. The total number of connections at the end of the year was 20,921 and the number of meters in use was 3,321.

77. *Special Officer, Water Works Department.*—The work of discovering underground leaks by the Special Officer commenced on the 23rd December 1903 and is still in progress. The leaks discovered are now immediately repaired. The supply and pressure of water in several districts has consequently much improved.

REGULATION OF STREETS AND BUILDINGS.

78. The number of applications for permission to either build or rebuild houses, &c., aggregated 2,759 or 154 more than in the preceding year. 202 notices were issued for the removal of unsafe, dangerous or ruinous buildings which were all complied with either partly or wholly. In one case 2 persons were killed and 2 injured while complying with the requirements of the notices. 18 buildings or parts of buildings fell down before they were noticed by the Building Department. In 12 of these no injury was done to life, but in 6 cases 7 persons were killed and 8 injured. 4,896·14 square yards of ground, at a cost of Rs. 1,53,716-0-2, have been added to streets.

ROADS.

79. The area of roads metalled during the year was 11,592,910 square feet at a cost of Rs. 3,03,770-14-6, the rate for metalling working out at 5·03 pies per square foot.

80. Some roads were treated with crude petroleum oil and tarred macadam, and the result on the whole was satisfactory.

81. The following roads were taken over from Government and declared public :—

(1) Road from Gaiety Theatre to Murzban Road.

(2) Extension of Ravelin Street from its west end to Waudby Road.

(3) Road running north of the Municipal Offices joining Hornby and Cruickshank Roads.

(4) Road running north of the *Times of India* premises branching from Hornby Road and running towards the west.

82. 526 trees with tree-guards have been provided along different roads in the City.

PUBLIC LIGHTING.

83. The total number of gas lamps at the end of the year was 4,068 and the total number of kerosine oil lamps was 1,754. The total cost of gas lighting amounted to Rs. 2,36,172-14-9, and the total net cost of kerosine oil lighting to Rs. 34,558-15-10. The cost of lighting by electricity the Municipal Offices and the Crawford Markets amounted to Rs. 8,896-14-6.

MUNICIPAL WORKSHOPS.

84. The Municipal Workshops kept in repair numerous articles of plant and machinery used by different Departments and a large number of new works were executed there. The total cost of working the hydraulic lift amounted to Rs. 1,663-11-4.

85. The motor meat-van has worked satisfactorily. Details will be found in the report of the Executive Engineer.

INSPECTION, IMPROVEMENT AND DEMOLITION OF INSANITARY BUILDINGS UNDER THE EPIDEMIC DISEASES ACT.

86. One hundred and fifty-nine houses were inspected, of which 109 were found more or less in need of improvement, 49 were found incapable of improvement and 1 did not require any improvement. 100 houses and sheds were demolished by the Municipality and 323 houses, for which improvement notices were served, were demolished by the owners. The overcrowding in houses has been abated in 89 cases. Certificates of fitness for human habitation have been issued for 582 buildings.

GENERAL STORES DEPARTMENT.

87. The General Stores Department was established on the 1st March 1904, the Central Depôt being located at Chinchpokli with a sub-depôt at Bellasis Bridge for drainage pipes, fittings, cement, &c., and Imprest at Palton Road for the Municipal Workshops and a disinfectant godown at Foras Road. The Water Works special stores, such as cast-iron pipes, sluices, meters, &c., are located in the Water Works Yard adjoining the Central Depôt. The Storekeeper has given in his report the details of the most important transactions of the year.

FIRE BRIGADE.

88. The Fire Brigade was maintained in a state of efficiency throughout the year and there was only one case of personal injury to members of the staff.

89. Property to the estimated value of Rs. 22,11,462, including a Mill valued at Rs. 13,00,000, was destroyed by fire. There were 103 calls of fire, 15 of which were false alarms. Water supply at fires was satisfactory throughout the year.

PUBLIC GARDENS.

90. The following Gardens were maintained during the year :—

Victoria Gardens.	Falkland Road Garden.
Elphinstone Circle Garden.	Dick's Tank Garden.
Northbrook Garden.	Municipal Office Garden.
Malabar Hill Garden.	Sir Cawasji Jehangir Garden.
Bazar Gate Garden.	

91. The number of visitors to the Garden reached the large total of 1,565,198 against 1,459,605 in the previous year.

92. Botanical and horticultural improvements were continued throughout the year and a further portion of the grounds was planted up with rare and interesting shrubs and trees.

93. Two large wired enclosures were erected for game birds to live in under fairly natural conditions ; for other small birds a large aviary was provided.

94. Rides on the elephant have continued to be attractive to the public.

VICTORIA AND ALBERT MUSEUM.

95. The Museum was open to the public during 313 days of the year. The total number of visitors was 704,370, giving a daily average attendance of 2,250. The daily average for the preceding year was 2,382.

VI.—Public Health.

96. The total mortality for the year exclusive of still-born was 42,676 or a reduction on the previous year of 7,837. This includes a fall of 7,250 in the number of deaths from Plague. Small-pox mortality was reduced by more than half to 568, and a threatened epidemic of cholera imported by pilgrims from Pandharpur was successfully dealt with after 219 deaths had occurred. The measures adopted for dealing with these diseases are fully described by the Executive Heath Officer.

97. The registration of births shows a marked improvement over previous years, the total number registered being 19,556.

98. The ten Municipal Dispensaries continued to do good work and 89,377 new cases were dealt with by them.

LICENSES.

99. The license fee receipts amounted to Rs. 75,149-8-0 against Rs. 73,830 during the preceding year, the number of licenses issued being 6,576 against 6,474.

100. The power of issuing licenses for the sale of poisons under Act VIII of 1866, which was exercised by the Commissioner of Police at the instance of the Municipal Commissioner, was delegated to the Superintendent of Licenses on the 10th November 1904, and licenses under that head have since been issued by the Municipality.

MARKETS.

101. The total revenue from Markets and Slaughter Houses aggregated Rs. 4,49,512-13-9 against Rs. 4,55,419-0-9 in the preceding year.

The quantity of unwholesome food, mostly meat and fish, destroyed was 122,080 lbs. against 131,574 lbs. destroyed last year.

VII.—Education.

102. The number of Municipal Schools at the close of the year was 91, against 86 during the preceding year with 7,530 pupils against 7,115 for the past year.

103. The number of Aided Schools was 103 with 9,131 pupils against 94 with 8,449 pupils during the preceding year. The total amount of grant-in-aid paid was Rs. 28,193 against Rs. 23,863 awarded in 1903-04.

W. D. SHEPPARD,
Municipal Commissioner
for the City of Bombay.

CHIEF ACCOUNTANT'S REPORT

FOR 1904–1905.

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FINANCIAL.

REPORT of Mr. W. E. WAITE, Chief Accountant, for the financial year 1904-05, as forwarded with his No. 5297 dated 11th September 1905.

1. I have the honour to offer the following remarks on the financial transactions of this Municipality for the year 1904-05.

2. My report would, in the ordinary course, have been submitted to you fully six weeks ago, were it not that the documents required for the completion of my accounts came to hand in some cases, quite two months after the required date—a continuance of a practice which, I hoped, would have ceased after the insistence with which departments have been reminded of their responsibility in this matter.

GENERAL RESULTS.

Income and Expenditure.

3. In my financial report for the year 1903-04, I recorded the fact that the income for that year, which stood at Rs. 84,82,625-10-1, was the highest that had ever accrued to the Municipality at the rates of taxation then prevailing. As an indication of the expanding resources of the City, the stability of its finances and its material prosperity, it is my pleasant duty to report a still further advance in the revenues during the year under review, resulting in the income *at the same rates of taxation* as prevailed in 1903-04, reaching the highest point that has ever been recorded in the history of the Municipality, *viz.*, Rs. 93,36,111-8-8. The expenditure, however, advanced but comparatively slightly, being Rs. 85,91,617-10-8 against Rs. 84,31,389-12-8 during 1903-04. It has to be remembered that to the phenomenal increase in revenue a reduction in income outstandings contributed over Rs. 1,30,000, while that unreliable and vacillating source of revenue, town duties, brought in nearly 2½ lakhs more than in 1903-04. In so far as the transactions of the year are concerned, the surplus that accrued aggregated the respectable figure of Rs. 7,44,493-14-0 (Appendix No. 1), making a very appreciable addition to the reserve balances at our disposal. The expansion of the taxable properties of the City could not, as will be explained hereafter, unfortunately be foreseen with the result that during the year the taxes were heavier than actual necessity demanded. Relief, however, was granted as soon as possible, *viz.*, in the budget estimate for 1905-06.

The original budget estimate of revenue stood at Rs. 84,58,000. This was increased, as was thought prudently, to Rs. 89,62,469-11-11 in the revised estimates to provide for the expansion which was then perceptible. The figures actually realised *viz.*, Rs. 93,36,111-8-8 topped all expectations and produced an increase of Rs. 8,78,111-8-8 over the original estimate and of Rs. 3,73,641-12-9 over the revised estimate.

While the revenues show so great an expansion, the expenditure for the year *viz.*, Rs. 85,91,617-10-8 shows a decrease of Rs. 3,16,106-5-4 on the original budget estimate of Rs. 89,07,724. As compared with the finally amended estimate of Rs. 93,26,641-0-6 (Appendix No. 5), there remained an unexpended balance of Rs. 7,35,023-5-10, out of which, renewals of grants to the extent of Rs. 5,74,910-4-4 are required to meet expenditure in 1905-06 and future years, thus leaving a net saving of Rs. 1,60,113-1-6 on the final estimates for the year.

Opening and Closing Working Balances.

4. Including recoverable advances to the extent of Rs. 1,82,762-6-1 for administrative purposes and Rs. 4,95,791-15-5 reserved for the renewal of lapsed grants for 1903-04 and previous years, the year opened with a working cash balance of Rs. 23,00,702-3-10. It closed with a balance of Rs. 29,76,733-11-5, of which Rs. 2,81,143-8-11 represent recoverable advances made for administrative purposes, and Rs. 5,74,910-4-4 the sum required for the renewal of lapsed grants for 1904-05 and previous years.

Reserve Stores Stock.

5. The year under review witnessed the establishment of a Central Stores, a reform which I have consistently pressed for over since my first report on the accounts of the Municipality was written in October 1898. The values assigned to the Stores in stock at 31st March 1905 (including surplus and obsolete stores of the value of Rs. 3,95,177-5-11, and stores for plague purposes, and the stock of oil in charge of the Engineer's Department) aggregated Rs. 7,85,715-3-2 as compared with Rs. 7,17,252-12-9 (including surplus and obsolete stores of the value of Rs. 4,02,258-6-9) at the beginning of the year. There was thus a net increase of Rs. 68,462-6-5 which will be found explained in para. 55 of this report.

Additional and Lapsed Grants.

6. The sums made available for expenditure during the year, in addition to the original budget grants, aggregated Rs. 7,93,916-12-1. The grants lapsing to Surplus Cash Balance and requiring renewal in 1905-06 aggregate Rs. 5,74,910-4-4 as compared with Rs. 4,95,791-15-5 renewed in 1904-05.

Surplus Cash Balance.

7. Including all recoverable advances except sums locked up in the reserve stores stock and lapsed grants to be renewed in 1905-06, the Surplus Cash Balance at the close of the year aggregated Rs. 23,01,823-7-1 against Rs. 17,04,910-4-5 at the beginning of the year, shewing an increase of Rs. 5,96,913-2-8.

Taxation.

8. The taxes levied during the year were the same as in 1903-04.

Taking the population at 776,096 as indicated by the last Census, the incidence of taxation per head of population during each of the five years ending with 31st March 1905 was as follows :—

	Rs.	a.	p.
1900-01	9	7	3
1901-02	8	9	7
1902-03	9	1	11
1903-04	9	6	11
1904-05	10	6	9

Income Outstandings.

9. The outstandings of rates and taxes at the close of the year 1904-05 stood at Rs. 1,87,863 against Rs. 3,20,458 in the previous year, thus showing a most satisfactory reduction of Rs. 1,32,595 as follows :—

Outstandings at	General Tax.	Water Tax.	Halalkhore Tax.	Wheel Tax.	Meter Hire.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1st March 1904	1,65,316	84,947	56,788	11,164	2,243	3,20,458
1st March 1905	64,648	80,956	32,519	7,427	2,313	1,87,863
Decrease	1,00,668	3,991	24,269	3,737	.....	.....
Increase	.....	.....	.....	.....	70	1,32,595

Compared with 1903-04.
(a) Income.

10. As compared with the year 1903-04 when the income realised amounted to Rs. 84,82,625-10-1, the receipts for the year under review show an increase of Rs. 8,53,485-14-7, of which Rs. 4,82,207-11-1 was derived from the property taxes and Rs. 2,47,969-10-7 from town duties. As explained in para. 22 the increase in the latter head of revenue is apt to be misleading.

(b) Expenditure.

The total revenue expenditure for the year shows an increase of Rs. 1,60,227-14-0 on the previous year.

Debt.

11. The net Municipal debt at 31st March 1904 stood at Rs. 4,74,20,355-15-5. During the year Rs. 12¾ lakhs were raised and Rs. 82,594-1-4 were repaid, leaving a balance payable at 31st March 1905 of Rs. 4,86,12,761-14-1.

Sinking Fund.

12. Against the outstanding debt the Sinking Fund Investments on the 31st March 1904 amounted to Rs. 46,95,890-15-5. To this were added during the year Rs. 4,05,250 on account of Annual Sinking Fund Instalments and Rs. 2,21,135-7-7 on account of interest on the invested funds, bringing the total Sinking Fund Investments at 31st March 1905 to Rs. 53,22,276-7-0.

Loans Works Expenditure.

13. The original budget estimate amounted to Rs. 24,80,000 and the revised estimate (excluding Plague) was placed at Rs. 15,33,460-7-11, against which the total expenditure incurred during the year (excluding Plague) amounted to Rs. 9,21,635-0-2. The difference between the original and the revised estimates and the actuals is due partly to some of the works having been deferred pending the sanction of Government to the raising of the balance of the 37½ Lakhs Loan and partly to the rate of progress in other cases being much below the estimate.

Plague Expenditure.

14. In this year the expenditure on Plague operations was financed from current revenue for the first time, the amount expended during the year being Rs. 1,81,919-6-8. This sum, together with the outlay previously met temporarily from Loan Funds, raised the total expenditure incurred by this Municipality for Plague purposes from the commencement of Plague operations in 1896-97 to the close of the year to Rs. 61,46,109-13-8.

INCOME.

Comparison between Budget Estimates and Actuals.

15. A detailed comparison between the budget estimates and the actuals will be found in Appendix No. 2.

16. Once more and in a greater measure even than last year, I have to record a very large difference between the original budget estimates and the actuals, the income exceeding the original budget estimates by Rs. 8,78,111-8-8. It will be observed that with the exception of five petty items, which show a total decrease of Rs. 6,093-9-1, all the other heads of revenue show increases amounting in the aggregate to Rs. 8,84,205-1-9. A result such as this, while gratifying as evidence of the taxable capacity of the City, can be called into question from the axiomatic financial stand point that not more shall be taken from the tax payer than is required to render him certain stipulated services. With the well-known care that is exercised in framing estimates, it is not too much to urge and to have the plea accepted that unusual factors either entirely unknown or the effects of which could only partially be gauged at the time the estimates were prepared were set to work during the year to produce results so divergent from anticipations.

Of the net increase of Rs. 8,84,205, "Town Duties" contribute Rs. 2,16,943 or nearly 25 per cent., "Taxation Proper" and "Services Rendered"—items which almost entirely depend on the rateable value of properties—account for Rs. 4,62,521 or 52 per cent. thus :—

General Tax	Rs.	2,27,874
Water Tax	„	1,73,453
Halalkhore Tax	„	61,194
Total ...	Rs.	4,62,521

Four other items of (1) Wheel Tax and Tolls (Rs. 24,587), (2) Receipts for Tobacco Duty (Rs. 21,744), (3) Miscellaneous Receipts (Rs. 39,356) and (4) Interest on Surplus Loan and other Balances (Rs. 47,088), totalling Rs. 1,32,775 are responsible for a variation of 15 per cent.

An accurate estimate of the returns from "Town Duties" is a matter rather of chance than of calculation. With the same rates of taxation this head produced in 1903-04 only Rs. 11,68,973 against Rs. 14,16,943 in 1904-05, or a difference of Rs. 2,47,970. The difficulty of framing an estimate in any way approaching accuracy will be realised by a glance at the subjoined enormous variations in the item of sugar which is the principal factor affecting our calculations :—

Years.	Gross Receipts.	Less Refunds.	Net Revenue.
	Rs.	Rs.	Rs.
1903-04	12,75,377	10,89,261	1,86,116
1904-05	14,01,946	8,66,375	5,35,571
Increase ...	1,26,569	2,22,886 Decrease.	3,49,455 Increase.

Turning now to the heads "Taxation Proper" and "Services Rendered," in which an increase of 52 per cent. over the budget estimates appears, it is necessary, in estimating the causes which contributed to the large increase, to record the fact that in November 1903, when the budget estimate was being considered, and again in January 1904 when the Corporation had the estimates under discussion, the latest available data pointed to the income from these sources of revenue aggregating Rs. 52,34,000. This figure was an advance of Rs. 2,07,000 on the budget estimate for 1903-04, so that in estimating the income for 1904-05 under these heads at Rs. 53,05,000, a further increase of Rs. 71,000 was provided for. To enable one to realize how all expectations were upset, it is only necessary to state that the rateable value

of properties which principally govern the extent of our income under these heads, and which guided the Executive in framing the estimates under review, stood at 1st October 1903 at Rs. 2,52,58,000. Neither past experience nor the most sanguine hopes for the future at that time encouraged the belief that at 1st October 1904 this figure would have risen to Rs. 2,63,17,000. When the revision of the assessments of properties in the City was inaugurated by the late Commissioner Mr. Harvey, while it was known that under-assessments were not uncommon, no conception existed that the under-assessments were as considerable as subsequent events have revealed, or that the revisions could be brought into effect with such startling rapidity. Under the circumstances it would have been a bold estimator who would have placed the income under these heads at the figures eventually realized.

Not only, however, did the rateable values rise in so remarkable a manner, but the outstandings of income which at the close of 1903-04 stood at Rs. 3,20,458, were reduced during the year to Rs. 1,87,863, thus further increasing the revenues of the year by Rs. 1,32,595.

It is further not only to sources of income dependent on the rateable value of properties that we have to look for the phenomenal increases that have occurred. The Water Revenue was estimated at Rs. 15,41,000. The actual realizations reached Rs. 17,14,453 or an increase of Rs. 1,73,453, and of this, Rs. 98,344 was derived from Water Tax from sources other than taxation on rateable value; so also the special Halalkhore Tax produced an increase of Rs. 26,619 over the estimate. These figures bear an impress of the general prosperity that prevailed in the City during the year under review, the Municipal revenues benefiting by the revival of the mill industry, by the greater activity in railways and by the larger out-turn of trade to an extent that could not be foreseen when the estimates were prepared.

Finally, the Port Trust also unexpectedly contributed Rs. 45,426 above our estimates, owing to the revision of the basis of their assessment at the close of the quinquennial period for which they are assessed under existing arrangements, synchronising with a large increase in the revenues of that Body.

17. I have now to deal with the remaining four heads of income mentioned in the preceding para. The first two *viz.*, Wheel Tax and Tolls and Receipts from Government for Tobacco Duty undoubtedly to my mind reflect the greater prosperity of the City, and seem to lend support to the statements of those capable of judging that the population of the City has been augmented to no inconsiderable extent. Of the increase of Rs. 24,587 under the former head, Rs. 6,153-5-7 were derived from the tax on Private Conveyances and Rs. 20,567 under Public Land Conveyances, making a total of Rs. 26,720-5-7. But owing to a decrease of Rs. 2,133-5-4 under Toll Fees, the net increase has amounted to Rs. 24 587-0-3. The following table shows the number of Public Land Conveyances licensed by the Commissioner of Police during the year as compared with the budget estimate and the number licensed in the preceding year:—

—	As per Estimate for 1904-05.	As per Actuals for 1903-04	As per Actuals for 1904-05.	Increase as compared with the Estimate.	Increase as compared with the Actuals for 1903-04.
	No.	No.	No.	No.	No.
1. Victorias	1,100	1,241	1,363	263	122
2. Labour carts	7,100	8,294	7,705	605	589 decrease.
3. Riding hackeries	200	216	231	31	15 increase.

The increase of Rs. 21,744 under Tobacco Duty is due to a larger quantity of tobacco having been taken out of Bond for local consumption.

Turning finally to the two items of (1) Miscellaneous Receipts and (2) Interest on the investment of Surplus Loan and other Balances, I have to explain that of the extra realization of Rs. 39,355-13-7 under the former head, Rs. 18,289-8-11 were in the shape of a windfall consequent on the adjustment of certain outstanding deposits which had remained unadjusted for a considerable time; the balance was obtained principally from commission and profit on private works, better prices obtained for rights and to the sale proceeds of vaccine lymph. The increase of Rs. 47,088-0-2 under the second head was due to the surplus moneys available for investment from time to time during the year being greater than estimated owing partly to the large curtailment in the Loan Works expenditure from Rs. 24,80,000 as estimated to Rs. 9,21,635 as actually incurred, and partly to the large increase in the income as budgetted for as already explained.

II.—Comparison between Revised Estimates and Actuals.

18. From Appendix No. 2 it will be seen that including Town Duties the increases under the different heads aggregated Rs. 3,80,113-7-11 against which the decreases amount to only Rs. 6,471-11-2. I have endeavoured, in dealing with the income as compared with the budget estimates, to show what unusual and unexpected factors were at work during the year, and further that it is practically impossible to forecast with any precision the revenues from "Town Duties." Excluding the variation under this head, the total deviation from the revised estimate in all the other items of revenue aggregated Rs. 1,56,698-15-9 or only 2 per cent. The deviations in "Taxation Proper" and "Services Rendered" being only 1·4 per cent. and 1·5 per cent. respectively, seem to me to call for no detailed explanation.

The income from "Wheel Tax and Tolls" was unprecedentedly great, and under Private and Public Conveyances yielded Rs. 4,153-5-7 and Rs. 10,567, respectively, more than the revised estimates, reflecting very possibly the greater prosperity of the City and the effects of increased population, to which I have already referred.

The increases under "Tobacco Duty," "Miscellaneous Receipts" and "Investments on Surplus Loan and other Balances" I have already stated, in dealing with the original estimate, were due to abnormal causes such as could not either prudently be anticipated or foreseen, while the minor increases in the other heads of revenue seem to me not important enough to call for special remarks.

III.—Comparison between the Actuals for 1903-04 *and* 1904-05.

19. As already stated the taxation during the year under review was the same as in the preceding year. The income, however, except under a few unimportant heads, shows considerable increases amounting in the aggregate to Rs. 8,66,808-14-10, of which the most important are Rs. 4,82,207-11-1 under the Property Taxes, Rs. 2,47,969-10-7 and Rs. 20,680-10-8 in Town and Tobacco Duties, Rs. 21,517-4-4 in "Wheel Tax and Tolls," Rs. 26,783-9-2 in interest on the Municipal Loans Sinking Fund Investments, and Rs. 25,373-7-11 in the premia received on the New Loan of 12¾ lakhs raised during the year. The decreases amounted to only Rs. 13,323-0-3, of which Rs. 4,093-7-0 was under Land Conveyance, &c., Licenses, and Rs. 5,710-11-0 under Market Receipts. The decrease under the former head is due to the fees from Music, &c., Licenses, which were formerly received through the Commissioner of Police, having to be credited to Government from 1st September 1904. That under the latter is due to a falling off in the fair ground and feeding fees and slaughter fees.

In considering, as I have done in recent years, how far the results of the year's transactions reflect the increasing or decreasing financial stability of the Municipality, I think it necessary to first eliminate those passing factors and adventitious avenues of income which, however, welcome they may be as adding to our revenues, are no criterion of our reserve of financial strength.

Foremost amongst these I class the item of Town Duties which shows an increase over the preceding year of Rs. 2,47,970. With the enormous fluctuations in the imports into and re-exports from the City in the item of sugar and with the comparatively slight differences in the net revenues derived from other dutiable articles—differences which could be caused by a delay in some cases in demanding a refund—it would be hazardous in the absence of reliable data to assume that any considerable portion of the increase accruing during the year can be looked upon as a permanent and recurring addition to our revenues. So also with Miscellaneous Receipts and all the other items appertaining to "Returns from Property and Miscellaneous" which fluctuate from year to year. In regard to the increase in "Wheel Tax and Tolls," however, and in the duties levied on Tobacco, the steady increase year after year over since 1900-01 points to the conclusion that the increase of over Rs. 40,000 in these two sources of revenue may, *ceteris paribus*, rank as permanent. When we turn to the Property Taxes, however, we tread on very firm ground. But even here, in order to gauge the actual reliable increase, it is necessary to transcribe the figures from the "payments in" and "payments out" system of accounts adopted by the Municipality into the "Liabilities and Assets" system. According to the system followed, the increase in the Property Taxes over 1903-04 amounts to Rs. 4,82,208. In reality the actual increase for the year aggregated Rs. 2,49,615 as shewn in the subjoined statement :—

1903-04.	Amount.	Total.	Grand Total.	1904-05.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Tax—				1. General Tax—			
Total collections booked	29,03,137 4 2			Total collections booked ...	31,77,874 6 1		
Less—				*Less*—			
Recoveries for previous years ..	83,854 6 10			Arrear recoveries	1,37,914 5 1		
	28,19,282 13 4				30,39,960 1 0		
Add—				*Add*—			
Outstandings for the year at the close of the year	1,57,807 2 7	29,77,089 15 11		Outstandings for the year at the close of the year	55,000 2 0	30,94,960 3 0	
2. Water Tax and Miscellaneous W. W. Revenue—				2. Water Tax and Miscellaneous W. W. Revenue—			
Total collections booked	15,71,566 4 7			Gross collections booked ...	17,14,453 3 6		
Less—				*Less*—			
Recoveries for previous years ...	38,825 0 4			Recoveries for previous years ...	70,310 1 7		
	15,32,741 4 3				16,44,143 1 11		
Add—				*Add*—			
Outstandings for the year at the close of the year	81,890 11 2	16,14,631 15 5		Outstandings for the year at the close of the year	77,534 2 7	17,21,677 4 6	
3. Halalkhore Tax—				3. Halalkhore Tax—			
Total collections booked	8,10,609 14 4			Gross collections booked ...	8,75,193 8 7		
Less—				*Less*—			
Recoveries for previous years ...	26,658 2 6			Recoveries for previous years ...	42,259 14 3		
	7,83,951 11 10				8,32,933 10 4		
Add—				*Add*—			
Outstandings for the year at the close of the year	52,573 12 6	8,36,525 8 4		Outstandings at the close of the year for the year	28,291 8 10	8,61,225 3 2	
			54,28,247 7 8				56,77,862 10 8

Net Income from Property Taxes for 1904-05 ... ... Rs. 56,77,862 10 8
Do. do. do. for 1903-04 ... ... „ 54,28,247 7 8

Difference ... ... Rs. 2,49,615 3 0

Thus, allowing for all fluctuating and fortuitous increases, it seems to me that it can be claimed that during the year under review, the permanent addition to our income may be confidently placed at close on 3 lakhs of rupees.

Octroi Duties.

20. As usual the various articles on which duty was levied at the time of import under the provisions of Section 192 (1) of the Municipal Act, the amount levied and the refunds allowed thereon under Section 192 (2) on their export are shown in Appendix No. 3.

21. The gross collections for the year having been estimated at Rs. 24,65,000, and the refunds at Rs. 12,65,000, a net revenue of Rs. 12,00,000 was provided in the budget for 1904-05. The actual gross realisations were more than the estimate by Rs. 4,87,381-8-8; the refunds *paid* by this Department during the year were also in excess of the estimate by Rs. 2,89,979, and the closing balance at the end of the year being less than the opening balance by Rs. 16,761-5-1, the net result was an increase of Rs. 2,14,163-13-9 over the budget estimate. Adding to the latter sum Rs. 2,933-15-0 on account of refunds fraudulently obtained by certain parties in previous years and recovered from them in the year under review, the total increase would have amounted to Rs. 2,17,097-12-9; but owing to a sum of Rs. 154-15-9 deducted by the G. I. P. Railway from the collections made by them on account of the Commission Charges payable to them not being adjusted in the accounts for 1904-05 in consequence of an excess in the grant for Commission Charges, the net increase under Town Duties amounted to Rs. 2,16,942-13-0 as shown in Appendix No. 2. The net revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 14,16,942-13-0 against Rs. 11,68,973-2-5 in the preceding year, and the net realisations after deducting the cost of collection amounted to Rs. 13,02,755-11-2 against Rs. 10,72,129 in the previous year.

22. Comparing the gross collections for the year under review with those of the preceding year it will be seen that there were increases amounting to Rs. 3,36,959 under all the heads as shown below:—

Articles.	Actuals for 1903-04.	Actuals for 1904-05.	More.	Less.
	Rs.	Rs.	Rs.	Rs.
Grain	5,84,694	7,47,102	1,62,408	.....
Flour	1,321	2,125	804	.....
Wines and Spirits	2,66,775	2,68,175	1,400	.....
Beer	38,571	51,216	12,645	.....
Sugar	75,377	14,01,946	1,26,569	.....
Ghee	2,59,975	2,77,108	17,133	.....
Timber	1,52,643	1,67,885	15,242	.....
Firewood	36,067	36,825	758	.....
Total ...	26,15,423	29,52,382	3,36,959	.....

As an indication of the volume of trade entering the City, these statistics are interesting, but the data showing to what extent the *Municipality* benefited, though imperfect, seem to indicate that the revenues *finally* accruing to the Municipality are not materially different year by year except to the small extent that a larger population and larger consumption owing to greater prosperity may produce. Excess imports brought in for re-export may swell the revenues one year to the detriment of the next, owing to heavier refunds in the latter. A reference to Appendix 3-A will bear this out. Grain in 1900-01 with a duty of six annas per khandy produced *less* than in the year under review with the duty at *four* annas per khandy. The enormous advance in the net receipts from "Sugar" during the year over those obtaining in 1903-04 cannot, in the absence of any direct evidence, be attributed in any appreciable degree to any special measures taken to safeguard our revenues, but would appear to be due to the removal of all the countervailing duties on the article, resulting in a great revival in the trade with the Continent and Java. The former was stimulated by the reduction of freight granted by the Austrian Lloyd Co., and the latter was due to the Java sugar crop for 1904 being unusually large. It seems to me that with the extensive building operations that are now proceeding in Bombay, the rise in the receipts from timber is easily explainable. Taking all these facts into consideration, I have come to the conclusion that the abnormal receipts of the year are due to abnormal conditions in trade and in the city.

REVENUE EXPENDITURE.

I.—Grants for Expenditure from Current Revenue.

23. From Appendix No. 4 it will be seen that the grants originally sanctioned by the Corporation under Section 129 of the Municipal Act aggregated Rs. 89,07,724. To this sum were subsequently added (1) Rs. 1,76,915-1-0 on account of lapsed grants for 1902-03 and previous years (including transfers not utilised in 1903-04) sanctioned by the Corporation in 1904-05, (2) Rs. 3,18,876-14-5 on account of lapsed grants for 1903-04 and (3) Rs. 2,98,124-12-8 on account of additional grants sanctioned for unforeseen expenditure during the year, including Rs. 36,169-11-11 on account of the investment of the net premia received on the 12¾ Lakhs Loan raised in 1904-05, and Rs. 1,499-2-1 on account of investment of extra realisations of interest on the Insurance, &c., Funds.

Thus the total sanctioned grants aggregated Rs. 97,01,640-12-1, from which savings to the extent of Rs. 3,74,999-11-7 were anticipated at the time of preparing the revised estimates for 1904-05, and were consequently taken credit for in those estimates.

The final sanctioned grants for revenue expenditure thus stood at Rs. 93,26,641-0-6. The transfers made from one budget head to another without in any way affecting the total budget provision for the year amounted to Rs. 1,16,970-6-4.

In the Introductory Remarks to the Budget for 1905-06, a sum of Rs. 1,81,186 was reserved for additional grants sanctioned and to be sanctioned up to 31st March 1905, and in the revised estimates a sum of Rs. 50,000 was reserved from the anticipated increase in income for supplementing the Street Improvement Grant for 1904-05, thus making a total reserve of Rs. 2,31,186. The grants actually sanctioned up to the close of the year aggregated Rs. 2,61,955-0-9, excluding Rs. 36,169-11-11 on account of the investment of the net premia received on the loan raised during the year. There was thus an excess of Rs. 30,769-0-9 which was met from the extra realisations of income.

The principal items making up the additional grants of Rs. 2,61,955-0-9 above referred to are: (1) excess in the grant for law charges incurred in 1901-02 and previous years; (2) write-off of the difference between the book value and the sale proceeds of certain unserviceable Water Works and Drainage Stores sold by auction; (3) experiments in oiling and tarring roads; (4) carrying out measures in regard to the prevention of leakage and waste of water; (5) carrying out the work rendered necessary in consequence of the collapse of a portion of the Tulsi Outlet Tunnel; (6) compassionate allowance payable to the family of the late Mr. Pearson; (7) extra grants for Road Repairs and Street Improvements; (8) extra grants to meet excesses on the grants for payment of commission, &c., to the Port Trust and the G. I. P. and B. B. & C. I. Railway Companies for collecting Town Duties; (9) repairs to defective service pipes, and (10) constructing 10 Lothal chambers at the Bandora Slaughter-Houses.

II.—Comparison between Grants as finally sanctioned and Actuals.

24. As stated in para. 23 the grants finally made available for expenditure during the year aggregated Rs. 93,26,641-0-6 (*vide* Appendix No. 5) against which the total expenditure actually booked amounted to Rs. 85,91,617-10-8, leaving an unexpended balance of Rs. 7,35,023-5-10. Out of the latter amount, Rs. 5,74,910-4-4 require to be renewed for expenditure in 1905-06, leaving a saving of Rs. 1,60,113-1-6 or 1·83 per cent. on the total sanctioned grants minus renewals. The percentage of the same in the preceding year was 1·86.

25. In spite of the efforts made by my Department to obtain and pay as many claims as possible for inclusion in the accounts for the year, the unexpended balance rose from Rs. 6,55,283-13-7 in the preceding year to Rs. 7,35,023-5-10 at the close of the year under report, and the amount of the lapsed grants to be renewed from Rs. 4,95,791-15-5 to Rs. 5,74,910-4-4, the increase in the latter case being Rs. 79,118-4-11. This result is due to circumstances entirely beyond the control of this Department, *viz.*, (1) the non-presentation by a larger number of Municipal Debenture-holders of their debentures for payment of interest and for repayment of the principal which became due on 1st January 1905, and (2) the impossibility of expending *within* the year the extra grant for Street Improvements sanctioned on 13th March 1905.

26. The savings on the final estimates amounting to Rs. 1,60,113-1-6 are heavier than were expected from the estimates furnished to me by Heads of Departments, who do not yet seem to fully appreciate the necessity of framing their estimates as close as possible to their probable requirements, and of working up as nearly as possible to the amount of such estimates.

27. It may, however, be stated that the percentage of savings to the sanctioned grants is almost the same as in the preceding year, as will be seen from the following figures :—

Year.	Final sanctioned grants after deducting savings taken credit for in the Revised Estimate.	Unappropriated net saving.	Percentage.
	Rs.	Rs.	
1903-04	90,86,674	1,55,872	1·71
1904-05	93,26,641	1,60,113	1·72

28. The principal variations between the actuals and the allotted grants which call for remarks are :—

	Rs.	a.	p.
A.—Public Works (Engineer's Department)	51,172	6	11
B.—Public Health Department	48,445	13	8
C.—New Works	18,191	8	3
D.—Plague Expenses	9,330	9	4
Total Rs. ...	1,27,140	6	2

leaving minor savings aggregating Rs. 32,972-11-4 under other service heads. The causes of the variations under the above heads are explained below : —

A.—Public Works (Engineer's Department).—The saving of Rs. 51,172-6-11 was distributed as follows : —

	Rs.	a.	p.
(1) General and Streets and Buildings Branches	20,964	6	10
(2) Water Works Branch	2,507	13	0
(3) Drainage Branch	22,946	9	7
(4) Sanitary (Disposal of Town Sweepings)	4,753	9	6
Total Rs. ...	51,172	6	11

The above saving was effected principally on the grants for (1) gas lighting and repairs toward chowkeys, renewing sluices of water posts and hydrants, paving footpaths, purchase of a steam roller, payment of compensation for insanitary buildings demolished, repairing * the embankment and railings of the Hornby Vellard, and treating* certain roads with Westrumite, (2) establishment and labour, repairs and painting to buildings and bridges outside Bombay, and maintenance charges of the New Pumping Engine at the Malabar Hill Reservoir, (3) Drainage Establishment and labour, repairs and alterations to miscellaneous drains and gutters, repairs to roads opened for drain cleaning and hire of carts, &c., from the Public Health Departments, and (4) establishment and labour and maintenance of the Railway Siding at Deonar.

* These two grants were not utilized during the year and consequently lapsed to Surplus Cash Balance.

B.—Public Health Department.—Of the saving of Rs. 48,445-13-8 in this Department, Rs. 33,127-12-10 was effected under General Supervision and Conservancy, and the balance of Rs. 15,318-0-10 accrued under Markets and Slaughter Houses (6,353-2-4), Cemeteries (Rs. 2,781-1-9), Infectious Diseases (Rs. 2,020-8-1), and the rest under other heads. The saving in General Supervision and Conservancy Branch is due principally to the favourable contract rates for the supply of grain, hay, and other food stuffs for the Health Department bullocks, to the labour staff and the complements of bullocks employed being below the budget strength, and to the stores and repairs grants not having been fully expended. The savings under Markets and Slaughter Houses are due partly to savings in the amount allotted for lighting the Arthur Crawford Markets with electricity, and partly to the repair grant not being wholly appropriated. Almost the whole of the saving under Cemeteries was obtained from the grant for firewood, and that under Infectious Diseases is due to charges recovered from Government on account of treating members of the Police and Military Force and other employés at the Arthur Road Hospital.

C.—New Works.—Of the saving of Rs. 18,191-8-3 effected on the works completed within the sanctioned grants or not required to be undertaken, Rs. 7,198-3-10 were contributed by Drainage Works, Rs. 5,724 by Water Works, and Rs. 5,269-4-5 by Sanitary and other Miscellaneous Works.

D.—Plague Expenses.—The saving of Rs. 9,330-9-4 is due to great economy observed in the general management of Plague expenses.

III.—Lapsed Grants.

29. The grants lapsed at the close of the year and requiring renewal in 1905-06 aggregate Rs. 5,74,910-4-4. The heads under which the renewals are required will be found in Appendix No. 5, from which it will be seen that the principal renewals are under Public Works (Engineer's Department), New Works, Public Health Department, and Municipal Debt. As stated in para. 25 the amount proposed to be renewed in 1905-06 as compared with the preceding year shows an increase of Rs. 79,118-4-11, the principal increases being under Water Works, Maintenance and Interest on Loans, and Payments towards the reduction of Debt. The percentage of renewed grants to grants allotted was 6·16 against 5·45 in the preceding year.

IV.—Comparison between the Actual Expenditure during 1903-04 *and* 1904-05.

30. The revenue expenditure of the year under report as compared with the preceding year shows increases aggregating Rs. 6,28,493-4-2 under certain heads, and decreases aggregating Rs. 4,68,265-6-2 under others, thus leaving a net increase of Rs. 1,60,227-14-0. The principal variations are explained below :—

A.—General Superintendence.—The decrease of Rs. 4,753-12-2 is the result of heavy law charges paid during 1903-04. This decrease would have been still greater but for heavy charges for printing under Commissioner's Personal Office Establishment, due solely to some of the charges of 1903-04 having been paid during 1904-05. The decrease in the law charges is more apparent than real. The renewed grants for 1902-03 and 1903-04 having been exhausted in the course of the year under review, further bills of costs for liabilities wholly or partially incurred during these years could not be admitted.

B.—Assessment and Collection Department.—The increase of Rs. 18,557-11-2 is solely due to heavier payments for commission on the collection of Town Duties.

C.—Fire Brigade.—The increase under this head is Rs. 10,163-11-0, and is solely due to the purchase of a new chemical engine including accessories for a sum of Rs. 12,061.

D.—Public Works (Engineer's Department).—The increase of Rs. 2,10,387-4-1 is made up as follows :—

	Increase.	Decrease.
	Rs. a. p.	Rs. a. p.
1. General Branch	.....	2,743 11 4
2. Drainage Branch	41,550 10 8	.....
3. Water Works Branch	15,417 13 6	.....
4. Streets and Buildings Branch	57,312 11 0	.....
5. Sanitary (Disposal of Town Sweepings) ...	98,849 12 3	.....
	2,13,130 15 5	2,743 11 4
Less—Decrease	2,743 11 4	
Net Increase	2,10,387 4 1	

The payments made in 1903-04 on account of the salary of the Executive Engineer, Mr. Hall, for the time occupied in his voyage to Bombay and of his passage expenses and of the fee to Mr. Mansergh for interviewing candidates for the post of the Executive Engineer and advising the Commissioner on the subject account for the decrease of Rs. 2,743-11-4 under General Supervision and Miscellaneous Duties.

The transfer made in 1904-05 to the Drainage Department of the work of (1) cleaning and repairing street connections, the cost of which was formerly met from the Plague Grant, (2) cleaning storm-water drains which was formerly done by the Health Department, and (3) cleaning storm-water entrances which was formerly attended to by the Road Department, together with the extra cost of repairs to machinery of the Love Grove Pumping Station and of working the Love Grove Air Compressor Station caused the increase of Rs. 41,550-10-8 under Drainage.

The cost of investigations carried out by the Special Officer appointed for the purpose in regard to the supply, consumption and waste of water, and of the measures adopted by him for the prevention of leakage and waste of water, and the outlay incurred on repairing the damage caused by the recent collapse of a portion of the Tulsi Outlet Tunnel principally contributed to the increased expenditure of Rs. 27,030-3-2 under Water Works. Owing, however, to decreases under Establishment, Materials and Tools and Plant and other heads, the increase was reduced to Rs. 15,417-13-6.

Payments for set-backs were made to a greater extent during the year. This coupled with increased expenditure on Public Lighting, Road Repairs, Lighting the Ballard Pier, etc., resulted in a net increase of Rs. 57,312-11-0.

The increase of Rs. 98,849-12-3 under Sanitary is nominal, as the expenditure on this head was formerly shown under the Public Health Department.

E.—Public Health Department shews increases aggregating Rs. 9,286-2-7 under certain heads and decreases aggregating Rs. 1,42,258-7-1 under others, thus showing a net decrease of Rs. 1,32,972-4-6, the major portion of which is attributable to the transfer of the work of the Unloading Siding at Deonar from the Health Department to the Executive Engineer's Department.

General Supervision.—The increase to the salary of Dr. Turner and the allowances paid to the acting incumbent during the absence of the late lamented Dr. Cayley on privilege leave account for the increase of Rs. 4,877-6-7.

Conservancy Branch.—There was an increase under Superintendence and Inspection, due to the transfer of the work of cleaning house connections from the Drainage Department to the Health Department, and under Halalkhore Branch labour owing to extra remuneration paid to the Halalkhores for afternoon duty; on the other hand there were large decreases, due to (*a*) the transfer of the work of Unloading Siding at Deonar, about which reference has been made above, (*b*) to the favourable contract rates for the supply of fodder for the Health Department animals, and (*c*) to less expenditure on the purchase of Live and Rolling Stock. In the previous year a motor meat van was purchased at a cost of Rs. 12,303 which accounts chiefly for the large decrease of Rs. 16,095-14-7 under Markets and Slaughter-Houses.

Registration of Births and Deaths shows an increase of Rs. 2,108-14-4 chiefly under the head II.—Registrars, and Laboratory shows a decrease of Rs. 2,338-3-8 under maintenance charges, due to the purchase in the previous year of a large number of appliances for bacteriological and chemical investigations, &c. The decrease of Rs. 5,568-4-4 in the expenditure for Infectious Diseases is fictitious, inasmuch as a large liability has remained unbooked on the closing of the accounts for want of funds. While framing the revised estimates for 1904-05 a large saving was anticipated under this head and the grants proportionately reduced. Our expectations were not, however, realised owing to the outbreak of Small-pox in a severe form.

(*F*).—*General Stores.*—The increase of Rs. 15,904-5-10 needs no remarks, as the Stores Department was newly organised during the year under report.

(*G*).—The increase of Rs. 46,905-4-0 under *Education* is due to an enhancement in the Municipal grant for Primary Education, and to the contribution made by the Corporation for the first time to the Victoria Memorial School.

(*I*).—The increase of Rs. 2,374-12-11 under *Hospitals* is due to a refund obtained from Government in 1903-04.

(*J*).—*Municipal Debt.*—In consequence of a larger number of Municipal debenture-holders not having applied for payment of interest during the year, and to some of the debentures of the Drainage Loan of 1878 which matured on 1st January 1905 not having been surrendered for repayment before the close of the year, there is a decrease of Rs. 1,38,572-10-6 under interest on Loans and Repayment of Debt, but owing to the payment of the Sinking Fund Instalment of the 24¾ Lakhs Loan, which became due on the 1st June 1904, and to the investment of a larger amount of interest accruing on the investments of the Sinking Fund of different loans, there is a net decrease of only Rs. 85,000-6-2.

31. In para. 19 I have estimated the permanent increase in income at Rs. 3 lakhs. The net increase in expenditure as shown in para. 30 is Rs. 1,60,000, out of which I think that about Rs. 1,25,000 should rank as permanent thus :—

(1) General Stores	Rs.	16,000
(2) Education	„	47,000
(3) Debt	„	47,000
(4) Miscellaneous	„	15,000
	Rs.	1,25,000

SURPLUS CASH BALANCE.

Appendix No. 6.

32. The Surplus Cash Balance, excluding the minimum balance of Rs. 1,00,000 required by law rose during the year from Rs. 17,04,910-4-5 to Rs. 23,01,823-7-1. The *real* unappropriated surplus, however, as I have explained later on, although full and accurate data are not available, cannot in my opinion be estimated at more than Rs. 12,00,000 at the utmost. The increase of Rs. 5,96,913-2-8 during the year in the *apparent* surplus is made up of the year's excess of income over expenditure of Rs. 7,44,493-14-0 mentioned in para. 3 less the increases of (1) Rs. 79,118-4-11 in the amount of lapsed grants required to be renewed in 1905-06, and (2) of Rs. 68,462-6-5 in the amount of the reserve stock balance. The balance at the close of the year was Rs. 12,94,547-7-1 in advance of the original estimate of Rs. 11,07,276 and also exceeded the revised estimate by Rs. 4,34,523-7-1. The latter increase is due to (1) the extra income realizations amounting to Rs. 3,73,641-12-9, *vide* para. 18, and (2) savings in expenditure amounting to Rs. 1,60,113-1-6, *vide* para. 24, less Rs. 68,462-6-5 on account of increase in the balance of reserve stock, *vide* para. 5, and Rs. 30,769-0-9 on account of additional grants sanctioned during the year in excess of the amounts reserved for that purpose, *vide* para. 23.

33. In dealing with the income for the year in paras. 16 and 19, I have called attention to the large increase in "Town Duties."* This increase has gone to swell the "*apparent*" surplus cash balance, but, as every indication points to refunds having to be paid on the excessive imports, I think in estimating our *real* surplus a sum of from Rs. 1,75,000 to Rs. 2,00,000 should be deducted from the *apparent* surplus. We further have to allow for (1) the deficit of Rs. 5,50,620 budgetted for in 1905-06, (2) Rs. 85,594 on account of additional grants sanctioned from the 1st of April 1905 to date, and (3) Rs. 3,00,000 voted on account of the proposed contribution to the museum and the festivities in connection with the visit of Their Royal Highnesses the Prince and Princess of Wales. The available surplus is thus reduced to about Rs. 12,00,000 as I have already stated. Against this has further to be taken into account the contribution payable to the Improvement Trust on 1st April 1906 and any further additional grants that may be sanctioned up to the close of the year 1905-06.

DEBT AND SINKING FUND.

Appendices Nos. 7, 7-A. and 8.

34. The total capital debt of the Corporation at the beginning of the year amounted to Rs. 4,74,20,355-15-5, of which Rs. 24,42,355-15-5 represented the Vehar Debt due to Government and the balance was due to the public. To this were added during the year Rs. 12¾ lakhs which were raised from the public, being the Water Works portion of the proposed loan of Rs. 37½ lakhs sanctioned by Government. The amount paid during the year towards the reduction of the Vehar Debt was Rs. 16,594-1-4, and Rs. 66,000 were repaid to certain holders of debentures of the Drainage Loan of 1878. There was thus a net addition of Rs. 11,92,405-14-8 to the Capital Debt of the Corporation, which was consequently increased to Rs. 4,86,12,761-14-1, of which Rs. 24,25,761-14-1 were due to Government. Against this total debt the Sinking Fund invested up to 31st March 1905 amounted to Rs. 53,22,276-7-0 which left a net debt liability of Rs. 4,32,90,485-7-1. From statement No. 7 it will be observed that 24 debentures of the aggregate value of Rs. 12,000 of the drainage loan of 1878 which were redeemable on or before 1st January 1905 were not surrendered for repayment by the holders up to the close of the year; there was thus an increase of Rs. 9,500 over the outstanding balance at the close of the preceding year.

35. Statement No. 8 shows that the outstanding interest on the different Municipal Loans at the beginning of the year amounted to Rs. 1,56,371-1-7, which, together with Rs. 20,90,653-1-3 on account of interest payable during the year under report, gave a total liability of Rs. 22,47,024-2-10. Against this the interest paid by the Bank of Bombay during the year amounted to Rs. 20,40,843-0-11, to which if the sum of 11 pies short paid by the Bank on account of interest for broken periods on small pieces be added, the total amount of interest aggregated Rs. 20,40,843-1-10 against Rs. 21,56,795-12-2 in the preceding year. The decrease was principally under the 147 lakhs Tansa, 35 lakhs and 7 lakhs Sanitary Works Loans and the Drainage Loan of 1878. The outstanding balance at the close of the year under report amounted to Rs. 2,06,181-1-0 or Rs. 49,809-15-5 in excess of the figure for the preceding year. The outstandings represent 9·18 per cent. of the total interest payable against 6·76 in 1903-04.

36. In para. 33 of my report for 1903-04, I stated that I had no doubt that the Sinking Fund Instalments set apart were sufficient to repay the various loans on due dates. I find from the Auditors' report for the same year that the absence of regular registers prevented them from coming to any definite conclusions on the subject. It is interesting to note

*Up to the week ending 23rd September 1905 the receipts from Town Duties show a falling off of Rs. 2,52,485 as compared with the week ending 24th September 1904.

that, notwithstanding the absence of such registers, the Sinking Funds were duly examined by the Officer deputed by Government in accordance with the Government of India, Finance and Commerce Department, No. 7513A of the 10th December 1903, and the required certificate given as to the sufficiency of the payments into the Sinking Fund. A form of register was duly approved during the year and will be introduced at as early a date as possible. From Appendix No. 7-A, which has been specially prepared this year, it will be seen that the invested balances on 31st March 1905 were slightly in excess of the amount which should have accumulated for the purpose for which the funds have been created. The general state of our Sinking Funds is thus completely satisfactory.

RAISING OF LOANS.

37. In the Loan Works Budget for the year, provision was made for the raising from the public of the first instalment of Rs. 15 lakhs of the proposed 37½ Lakhs Loan, but Government having sanctioned the raising of only the Water Works portion of the loan amounting to Rs. 12¾ lakhs, that amount alone was raised during the year. This loan was taken up at 103½ per cent., and the premia realised amounted to Rs. 44,625, from which Rs. 8,470-4-1 were paid on account of brokerage, stamp, printing, &c., charges on the loan, leaving a balance of Rs. 36,154-11-11 (as shown in Appendix No. 2) which has been added to the Premia Fund (*vide* Appendix No. 5).

EXPENDITURE ON LOAN WORKS.

Appendix No. 13, *pages* 89 *to* 95.

38. The total outlay on Loan Works during the year (excluding Plague expenditure which was met from current revenue as stated in para. 14, and Rs. 2,73,456-12-4 paid out of the contribution received from the G. I. P. Railway Company for the removal and relaying of the 32″ Vehar Main at Koorla) aggregated Rs. 9,21,635-0-2 against Rs. 6,45,522-4-4 in the preceding year, showing an increase of Rs. 2,76,112-11-10 which appears almost entirely under Sewerage and Water Works. The above expenditure was distributed as under :—

(1)	Sewerage and Drainage Works ...	...	...	...	Rs.	6,77,736	11	2
(2)	Water Works ...	...	...	...	...	...	,,	1,44,337	4	0
(3)	Roads ...	...	...	...	...	...	...	,,	45,889	5	11
(4)	Sanitary and Miscellaneous Works	...	...	...	,,	53,671	11	1
					Rs.	9,21,635	0	2

The principal works on which the above expenditure was incurred were the Health Department Bullock Stables and quarters for Scavengers in E Ward, Low Level Channels from Tardeo Flats to Worli Point, sewerage of the Malabar Hill District (Sectional), House Drainage Connections in different parts of the City, construction of additional Filters at Malabar Hill Reservoir, removal and relaying of the 32″ Vehar Main South of Koorla, providing accommodation for the General Stores at Chinchpokli and acquisition of land at Hamalwadi, Babula Tank and other places for Street Improvements.

PLAGUE EXPENDITURE.

Appendix No. 10.

39. The net expenditure on Plague operations during the year (including dispensaries, but excluding expenditure on Discretional Relief and construction of Health Camps, which was met from the funds received from Government) amounted to Rs. 1,81,919-6-8 against Rs. 2,43,888-4-5 in the preceding year. This shows a reduction of Rs. 61,968-13-9 or 25 per cent. which was due to careful management of the Plague Funds and to retrenchments made in various directions.

Against the expenditure incurred on Plague operations up to 1903-04 a credit of Rs. 32,443-5-8 was received during the year under report on account of recoveries of charges for deporting pauper immigrants and other items. The total expenditure incurred on Plague operations from the commencement to the close of the year under report aggregated Rs. 61,46,109-13-8 which was financed as under :—

(1)	From the 20 Lakhs Plague Loan ...	...	...	Rs.	20,00,000	0	0
(2)	From the Government Contribution	...	...	,,	14,50,000	0	0
(3)	Advance from Loan Funds ...	...	...	...	,,	25,14,190	7	0
(4)	From Current Revenue...	...	...	...	,,	1,81,919	6	8
					Rs.	61,46,109	13	8

40. Including the expenditure on Discretional Relief and construction of Health Camps, the total amount spent on Plague operations during the year under report amounted to Rs. 2,00,697-9-7 or Rs. 58,862-3-6 less than in 1903-04.

GOVERNMEMT CONTRIBUTIONS FOR CONSTRUCTION OF HEALTH CAMPS AND FOR DISCRETIONAL RELIEF.

41. *Plague Camps.*—The balance of the Government contribution at the beginning of the year was Rs. 7,396-1-1, to which was added the sum of Rs. 15,000 received from Government during the course of the year, thus raising the funds at the disposal of the Municipality to Rs. 22,396-1-1. Against the latter sum Rs. 16,351-5-8 were expended, leaving an available balance of Rs. 6,044-11-5 at the close of the year. The total expenditure on Health Camps paid out of Government grant from the commencement of operations up to the close of 1904-05 aggregated Rs. 2,12,355-4-7 against a net receipt from Government of Rs. 2,18,400.

42. *Discretional Relief.*—The balance on hand on 1st April 1904 amounted to Rs. 730-9-6, which together with the further advances amounting to Rs. 2,950 received from Government during the year aggregated Rs. 3,680-9-6. The actual expenditure incurred on Discretional Relief during the year amounted to Rs. 2,426-13-3, leaving a balance of Rs. 1,253-12-3 in hand at the close of the year (excluding advances with the Officers entrusted with Discretional Relief). The net advances received from Government for Discretional Relief expenditure up to the close of 1904-05 amounted to Rs. 1,31,850-12-6 (including advances amounting to Rs. 6,800-12-6 refunded by District Officers) against which the actual expenditure amounted to Rs. 1,30,597-0-3.

43. *Total Plague Expenditure.*—The aggregate expenditure from all sources, Government and Municipal, booked in the Municipal Accounts for Plague operations from the commencement to the close of 1904-05 including the amount spent on Discretional Relief and construction of Health Camps, amounted to Rs. 64,89,062-2-6, of which Rs. 17,92,952-4-10 or a little over 27 per cent. was met by Government.

LIABILITIES AND ASSETS.

Appendix No. 9.

44. The gross liabilities of the Corporation have risen from Rs. 5,00,30,240-5-4 at the close of 1903-04 to Rs. 5,13,85,321-14-8 at the close of the year under report, showing an increase of Rs. 13,55,081-9-4. The increase appears principally under (*a*) Debt, (*b*) Cash and Paper Deposits from Contractors and others, and (*c*) Purchase of Stores. The increase under (*a*), amounting to Rs. 11,92,405-14-8, has already been explained at page 26 ; that under (*b*), amounting to Rs. 1,73,325-6-6, is accounted for by the deposits received from the Bombay Improvement Trust for the Drainage of the Agripada District and from the Port Trust for diverting the storm-water drain at Frere Road and from Contractors for the construction of the Low Level Channels and for the supply of cast-iron pipes. Item (*c*) is a new one lately introduced into the accounts to bring on to the books all stores purchased immediately after the purchases are made instead of waiting until the payments are actually made. There are decreases of Rs. 73,419-13-8 in the outstanding balance of the contribution received from the G. I. P. Railway Company for removing and relaying the 32" Vehar Main at Coorla, owing to payments made in the year under report to the Contractors for the work, and of Rs. 10,959-13-11 under Cheques payable which needs no remarks.

ASSETS.

45. The assets are distributed as under :—

		Rs.	a.	p.	Rs.	a.	p.
A.	Cash and Paper available for expenditure on revenue and capital projects—						
	(1) Cash Balance	1,08,038	12	8			
	(2) Surplus Funds Deposits	32,37,381	6	1			
	(3) Loan Funds	15,60,135	12	5			
					49,05,555	15	2
B.	Sinking Funds Investments				53,22,276	7	0
C.	Special Funds Investments				7,29,896	0	9
D.	Advances Recoverable, Paper Deposits and other Items				5,64,766	1	3
E.	Reserve Stock				7,85,715	3	2
F.	Properties				5,44,30,826	15	9
G.	Debt due by the Improvement Trust for land transferred...				18,39,107	8	0
				Rs.	6,85,78,144	3	1

46. In regard to reserve stock, the surplus and obsolete stores have now been separated from the serviceable stores, and we now know to what extent our assets in this respect should be reduced. As regards the revision of the assets represented by properties, I can hold out no hope that this subject can receive my attention for some time to come, as, apart from the volume of work passing through my office, a reference to the various reforms accomplished or yet remaining to be carried out as given in para. 59 will indicate the extent to which the energies of this Department have been and will for some time to come have to be directed to special subjects, reforms in which have only too long been delayed, owing to my demands in regard to staff not having met with an early response.

Comparing the booked assets with the liabilities, it will be seen that the former exceed the latter by Rs. 1,71,92,822-4-5, showing an advance of Rs. 15,54,642-13-2 on the preceding year. This excess is brought out principally by the expenditure on loan works and the increase in our invested balances minus the increase in the Municipal debt. An explanation for the increase in the invested balances will be found under the head "Investments." The increase under Advances is due to a rebate claimed by Government in respect of charges in connection with Plague measures previously recovered from them, which, though not admitted by the Corporation, was deducted by Government from certain moneys payable to the Municipality. This sum amounting to Rs. 1,06,589-10-5 has been treated in the Municipal accounts as a recoverable advance. The increase under the head of Paper Deposits is due to sums received from the Brush Electrical Engineering Company, the Low Level Channels Contractors, and the Contractors for the supply of cast-iron pipes.

The outlay incurred on different Loan Works during the year accounts for the increase in the value of properties.

INVESTMENTS AND INVESTED BALANCES.

47. When the budget estimate for 1904-05 was framed, a sum of Rs. 95,500 was estimated to be derived from interest on investments of Surplus Loan and other Balances. Owing, however, to the income being largely in excess of the estimate and to the falling off in Loan Works Expenditure and to the raising of the 12¾ Lakhs Loan during the year, the funds available at our disposal for investments from time to time during the year were considerably in excess of our expectations, and the actual realizations on account of interest consequently amounted to Rs. 1,43,588-0-2 or Rs. 47,088-0-2 in excess of the budget estimate. The above amount of Rs. 1,43,588-0-2 is made up as under :—

(1)	On Current Account Deposits at 2 per cent.	Rs.	11,653	3 3
(2)	On Fixed Deposits	„	71,062	5 2
(3)	On Investments in Government and other Securities	„	60,865	7 9
		Rs.	1,43,588	0 2

This satisfactory result was attained only by continuous attention being paid to floating balances which have always been invested without delay. The sum total of the investments and re-investments arranged for by this Department during the year aggregated the sum of over rupees one crore and a quarter thus :—

(1)	Current Account Deposits...	Rs.	19,61,653
(2)	Fixed Deposits	„	1,02,50,000
(3)	Investments in Public Securities...	„	14,20,888
		Rs.	1,36,32,541*

The average rate of interest realized on fixed deposits was 3·69 per cent. against 3·89 per cent. in the preceding year. The rates realized for fixed deposits from 2 to 6 months ranged from 2½ per cent. to 6 per cent. The maximum rate realized in the preceding year was 6½ per cent.

Appendix No. 9-B.

48. It will be observed that the invested balances at the close of the year stood at Rs. 1,11,25,889-10-3 or Rs. 19,15,712-12-1 in excess of the preceding year.

The large increase in income, coupled with the large available balance in Loan Funds, explains the increase under Surplus Revenue and Loan Fund Balances, while the addition of Rs. 6,26,385-7-7 to the Sinking Funds, the investment of the Municipal Buildings Fire Insurance Fund Instalment of Rs. 5,000, the net premia amounting to Rs. 36,154-11-11 received on the 12¾ Lakhs Loan, and the interest aggregating Rs. 30,399-2-1 realized on the different Reserve Funds fully account for the increase under the Sinking and Reserve Funds.

* This is exclusive of investments aggregating nearly Rs. 7 lakhs on account of the Sinking, Insurance, Worn-out Mains Renewal, Premia and School Building Funds.

WATER WORKS ACCOUNT.

Appendix No. 11.

49. *Income and Expenditure Account.*—In the original budget estimate the Water Works income was placed at Rs. 15,41,000, and the expenditure at Rs. 16,38,000, showing a deficit of Rs. 97,000. The actual income, however, amounted to Rs. 17,14,453-3-6 (excluding the items aggregating Rs. 60,832-12-6 on account of interest on investments of the Worn-out Water Mains Renewal and Premia Funds, and the premia received on the 12¾ Lakhs Loan, the investments of which appear on the expenditure side). There was thus an increase of Rs. 1,73,453-3-6 under Income. Excluding the items of investments amounting to Rs. 60,832-12-6 above referred to, the expenditure amounted to Rs. 16,60,754-2-11 or Rs. 22,754-2-11 in excess of the estimate, which was solely due to the expenditure incurred on carrying out investigations in regard to the supply, consumption and waste of water and on repairing the damage caused by the collapse of a portion of the Tulsi Outlet Tunnel. Deducting from the excess income amounting to Rs. 1,73,453-3-6 shown above, the excess expenditure of Rs. 22,754-2-11 and the deficit of Rs. 97,900 originally estimated, we get a net surplus revenue of Rs. 53,699-0-7 as shewn in Appendix No. 11.

As compared with the preceding year, the income for the year under report (excluding the items of interest and premia) shows an increase of Rs. 1,42,886-14-11 which was derived from the Water Tax both on valuation and by meter measurements, while the expenditure shows a decrease of Rs. 27,097-6-10, due wholly to a larger amount of interest on the Tansa Water Works Loan having remained outstanding at the close of the year.

ASSETS AND LIABILITIES.

50. The 12¾ Lakhs Loan raised during the year increased the debt liabilities by that amount, but against this there was a decrease of Rs. 44,619-5-2 owing to the payments made towards the reduction of the Vehar Debt and the repayment of certain debentures of the Drainage Loan of 1878. The net increase in the liabilities therefore amounted to Rs. 12,30,380-10-10 which raised the gross Water Works liabilities from Rs. 2,43,31,003-8-1 at the close of the preceding year to Rs. 2,55,61,384-2-11 at the close of the year under report.

The assets aggregated Rs. 3,17,42,387-10-1 against Rs. 3,03,03,934-9-1 at the close of 1903-04, showing an increase of Rs. 14,38,453-1-0 which was made up of (1) the expenditure amounting to Rs. 1,44,337-4-0 incurred during the year on Water Works executed from Loan Funds, (2) the additions made to the Worn-out Water Mains Renewal, Premia and Sinking Fund Investments, and (3) the investment of the unexpended balance of the 12¾ lakhs Water Works portion of the 37½ Lakhs Loan raised during the year.

From Appendix No. 12 it will be seen that the excess of assets over liabilities amounted to Rs. 61,81,003-7-2 or Rs. 2,08,072-6-2 in excess of the amount shewn in the report for the preceding year.

WORKSHOPS.

51. The opening balance was Rs. 3,300-2-11 or Rs. 2,578-9-1 less than in the preceding year.

The cost of labour and supervising staff employed and of stores used on the works turned out in the shops during the year amounted to Rs. 1,11,411-8-11 against Rs. 1,26,547-10-3 in the previous year, the decrease being due to the workshops not having executed extra works to the same extent as in the preceding year.

The total outlay in the workshops during the year together with the opening balance aggregated Rs. 1,14,711-11-10. The recoveries made during the year including Rs. 2,620-11-11 realised by the sale of unserviceable stores, &c., amounted to Rs. 1,21,311-8-11, and the outstandings at the end of the year including incomplete jobs aggregated Rs. 10,477-8-2. There was thus a net profit of Rs. 17,077-5-3 against Rs. 16,158-6-8 realised in the preceding year and against the budget estimate of Rs. 5,000.

By charging 35 per cent. on all jobs a sum of Rs. 31,576-9-4 was obtained, adding to which the sum of Rs. 2,620-11-11 realised by the sale of unserviceable stores, &c., and Rs. 553-1-7, the profit realised by the hire of the Pumping Engine, the gross profits of the shops aggregated Rs. 34,750-6-10, from which the following shop and supervision, &c., charges amounting to Rs. 17,673-1-7 were met, leaving a net profit of Rs. 17,077-5-3 as stated above :—

	Rs.	a.	p.
(1) Supervising Establishment	8,510	3	11
(2) Shop Charges	9,162	13	8
Rs.	17,673	1	7

STORES.

52. It is a satisfaction to me to be able to write of the establishment of a Central Stores as a *fait accompli* with that check over all purchases by audit which is so healthy a safeguard. Under the orders of the Municipal Commissioner the Department during its infancy was placed under my care, and though this imposed no small strain on energies which were already somewhat overtaxed, it gave me great pleasure to watch over the inception of a department which I had urged for so long should be established, and which I am convinced, if rightly conducted, can only lead to benefiting the city. It also devolved upon me, at the request of the Municipal Commissioner, to write a Manual to regulate the Working and Accounts of the Stores Department, and of the new system of accounts which had necessarily to be adopted in my own office.

53. The Manual was completed and forwarded to the Commissioner with my No. 4077 of 6th August 1904, and by that Officer to the Standing Committee for approval on 7th February 1905. The orders of that Body are yet awaited, but in the meantime the working and accounts of the Stores and Stores Audit Department are being conducted on the lines of the Manual. I cannot, I regret, report that as much progress was made by the Storekeeper during the later months of the year towards placing the Department on a satisfactory footing as the progress of the earlier months led me to believe was possible. The stocking of stores was not vigorously pushed, and no verification of stores took place, and no measures were taken for the disposal of the obsolete and surplus stores.

54. As required by the Corporation Resolution No. 4242 of 1st February 1904, the Stores Accounts and Working were test-audited by me twice during the year, and the Executive Engineer and myself, at the request of the Commissioner, sat in Committee in November 1904 to further investigate the working of the Department. The enquiry resulted in the postponement of the confirmation of the Storekeeper in his appointment. At the special request of the Storekeeper no further test-audit of his Department was made by me till July 1905 to enable him to remedy the defects that previous test audits had brought to light. I am reluctantly compelled to report that the test-audit showed that matters had not improved, but indications point to the Storekeeper having since made earnest endeavours to better the management of his Department. With such endeavours continued, I trust, I shall next year be able to report that substantial progress has been made towards the eventual realization of a Central Stores as the centre which receives and supplies *all* stores and can meet the demands of Departments without delay, and without being largely dependent on the goodwill of middle-men, who pose as importers and contractors.

55. The receipts of stores which had to be attended to by the new department during the year amounted to Rs. 2,94,809-9-9 exclusive of the value of cast-iron pipes, etc., amounting to Rs. 2,83,588-2-7 obtained for the Water Works Department, which, although supplied through the Storekeeper, did not pass through the Stores Books, but were debited direct to the work. The issues amounted to Rs. 2,41,908-1-1.

The balance of Reserve Stock in hand at the close of the year as per the General Books of this Office amounted to Rs. 7,85,715-3-2 against Rs. 7,17,252-12-9 at the close of the preceding year, showing an increase of Rs. 68,462-6-5 as detailed below :—

Departments.	1903-04.			1904-05.				
	Serviceable Stores.	Surplus and Obsolete Stores.	Total.	Serviceable Stores.	Surplus and Obsolete Stores.	Total.	More	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Stores Department	2,73,352 8 10	4,02,258 6 9	6,75,610 15 7	3,34,235 2 4	3,95,177 5 11	*7,29,412 8 3	53,801 8 8	.....
2. Executive Engineer's Department ... (*Kerosine Oil.*)	16,376 8 5	.....	16,376 8 5	12,558 4 9	.....	12,558 4 9	.....	3,818 3 8
3. Parel Plague Stores	25,265 4 9	.....	25,265 4 9	43,744 6 2	.....	43,744 6 2	18,479 1 5	... .
Total ...	3,14,994 6 0	4,02,258 6 9	7,17,252 12 9	3,90,537 13 3	3,95,177 5 11	7,85,715 3 2	72,280 10 1	3,818 3 8
						Less—Decrease Rs. ...	3,818 3 8	
						Net—Increase Rs. ...	68,462 6 5	

* The difference between this amount and that shewn by the Storekeeper is due to issues for March 1905 not having been adjusted in the General Books of this Office in the accounts for 1904-05, and to some other adjustments required, which will be made in the accounts for 1905-06.

The increase in the balance in charge of the General Stores Department is partly due to the issues for March 1905 not having been adjusted in the General Accounts for 1904-05 owing to a faulty system which has since been remedied, and partly to purchases made towards the end of the year of Portland cement, lead pig and cast-iron pipes for the requirements of the Drainage and Water Works Departments.

The increase in the balance of the Plague stores at Parel is accounted for partly by the stock at the Parel Stores, which up to the year under review appeared in the Store Books without values, having been taken on to the Store Accounts at a valuation, and partly by the purchase of a large stock of blankets for use during the last Plague epidemic.

FIRE BRIGADE.

56. The Fire Tax realised during the year being Rs. 1,49,286-5-4 and the expenditure on the Fire Brigade Department, including the cost of appliances and Interest and Sinking Fund charges on the Fire Brigade Loan, being Rs. 1,34,282-4-7, there accrued a surplus of Rs. 15,004-0-9. The latter amount together with the surplus of Rs. 1,24,760-6-6 up to 1903-04 shown at page 29 of my last report, would give a total of Rs. 1,39,764-7-3. Deducting from the latter amount the sum of Rs. 5,841-9-7 to be renewed in 1905-06 on account of charges incurred during 1904-05 but not paid before the close of that year, the net surplus to the credit of the Fire Tax amounts to Rs. 1,33,922-13-8. In view of this surplus some relief has been afforded to the tax-payers by a reduction of ¼th per cent. in the Fire Tax leviable during 1905-06.

AUDITORS' EXAMINATION OF ACCOUNTS.

57. Commenting on the accounts, the Auditors in their Administration Report for last year, which I had not the opportunity of seeing till after my report was issued, took exception to the methods adopted by me in dealing with the following matters of accounts:—

Para. 7 of Auditors' Report for 1903-04. (1) A sum of Rs. 10,463, being the rebate received from Government for the Victoria and Albert Museum.

Para. 11 of Auditors' Report for 1903-04. (2) Amounts debited to the head "Discretional Contingencies."

Para. 12 of Auditors' Report for 1903-04. (3) Debits to the personal accounts of Municipal Officers pending subsequent adjustment.

During the year under review, the following points were further reported by the Auditors to the Standing Committee as objectionable:—

(1) That a sum of Rs. 1,857-5-6 on account of certain charges cancelled was overdebited in the accounts to the head "Cheques payable."

(2) That a sum of Rs. 1,102-3-4 was shewn as disbursed during March 1904 but was being paid in April 1904.

(3) The cash balance shown in the books was counted by them, but that the Cashier had besides Rs. 1,102-3-4 in his hands.

(4) That several items on account of Revenue Receipts received in March 1904 on account of 1904-05 were credited finally to the proper heads only in 1904-05.

(5) That an item of Rs. 283-5-4 not actually received into the Municipal Treasury had been treated as a receipt and credited to a Revenue Head.

(6) That charges actually paid during the year and legitimately (as asserted by the Auditors) chargeable to the accounts of the year had been kept out of the accounts by debit to Suspense Heads.

(7) That charges not paid during the year, *even claims not preferred*, had been charged off in the accounts.

(8) That a sum of Rs. 12-7-1 appeared to have been paid to the wrong party.

After the exhaustive replies which I have given to the objections of the Auditors and the comments of the late Commissioner, Mr. Harvey, on the points raised (*vide* Standing Committee's Resolutions No. 3437 of 9th November 1904, and No. 4267 of 29th December 1904), the present report seems to me to be hardly the document in which any discursive theories should be propounded or detailed explanations set forth.

I think it right to mention, however, that the conclusions arrived at by the late Commissioner Mr. Harvey were as follows:—

ACCOUNTS FOR 1903-04.

Items (1) *and* (2)—That no alteration in the present procedure seemed necessary.

Item No. (3)—That this was of a nature analogous to item (6) of the accounts for 1904-05 treated of further on.

Item No. (1)—That this requires no further notice.

Items (2) *and* (3)—That the procedure adopted was analogous to the one already approved by the Standing Committee, but that it was undesirable to keep such balances outside the accounts.

Item No. (5)—That the procedure adopted could not be called irregular, and that he was in favour of its continuance.

Items (4) *and* (6)—That these objections raised the question of the system of accounts to be followed, and that "while the Auditors are in favour of the Government system, the Chief Accountant gives weighty authority for that which he prefers."

Item No. (7)—That the objection was evidently raised by the Auditors under a misapprehension.

As regards item (8) above, the conclusions of the Auditors were proved to be unfounded.

The total transactions as brought out in Appendix No. 13 of my report for the years 1903-04 and 1904-05 aggregated Rs. 8,20,45,687 and Rs. 7,44,59,241 respectively, and I trust therefore that it will be recognised that the initial audit which is entrusted to my Department is efficiently performed.

GENERAL.

58. I append the usual statement showing, as far as figures can show, the volume of work dealt with in my Department during the year under review as compared with previous years :—

Year.	Nature of work.			Inward Letters.	Outward Letters.
	Cash Payments to Employés.	Receipt Vouchers.	Debit Vouchers.		
	Rs. a. p.	No.	No.	No.	No.
1897-98	19,93,311	22,217	53,907	20,362	6,117
1903-04	24,35,344	26,129	66,217	17,929	10,151
1904-05	24,67,825	28,397	70,556	19,113	10,694
Percentage of increase in 1904-05 over 1897-98...	23·81	27·81	30·88	Decrease 6·13	74·82

I also subjoin a statement showing the cost of my Department at present and in 1897-98 and the percentage of cost to Income and Expenditure :—

Year.	Cost of Staff at maximum Rates of Pay.	Income.	Expenditure.	Percentage of Cost of Staff to Income.	Percentage of Cost of Staff to Expenditure
	Rs.	Rs.	Rs.		
1897-98	62,754	(a)67,08,566	(b)69,96,969	·93	·89
1904-05	68,292*	93,36,112	86,10,396	·73	·79
Increase	5,538 or 8·82 per cent.	26,27,546 or 39·17 per cent.	16,13,427 or 23·06 per cent.		

*Excluding Rs. 3,240 on account of the Stores Establishment transferred to the General Stores and including Rs. 6,108 on account of the Plague Staff employed in this Department.

(a) Excluding a rebate of Rs. 4,37,055 to current revenue in respect of Plague expenses debited to Revenue in 1896-97.

(b) Excluding Rs. 5 lakhs on account of Plague expenses debited to Revenue in 1897-98 which were subsequently transferred to Loan Funds.

59. These figures which show *so large an increase in work with a proportionately reduced expenditure* tell their own tale of the increased responsibilities attaching to my Department, and bear testimony to a contention I have often advanced, *viz*,—that my Department as at present constituted is overworked and undermanned. During the year my office doors were hardly ever closed on a Public Holiday and very seldom even on Sunday. It is by means such as these coupled with the zealous co-operation of my subordinate staff and the unremitting labour and zeal of the Officers that not only the largely increased work was performed with the limited staff at my disposal, but questions of reform were not neglected.

I have already in dealing with "Stores" related the share this Department took in the organization and work of the newly created Stores Department, and the preparation of a Manual for its guidance. But in addition during the year I re-organized my own office, issued over sixty detailed explanatory orders for the guidance of my staff in the absence of a Manual, and introduced the following forms and registers for the more efficient record and control of expenditure :—

(1) Stationery Ledger.

(2) Statement of leave taken and changes made in the staff during each month.

(3) Requisition for Stationery.

(4) Register of moneys received from Municipal Departments, Contractors, &c.

(5) Register of set-backs sanctioned to be acquired.

(6) Refunds of Town Duties Form.

(7) Statement of audit objections.

(8) Register of the securities belonging to the different invested funds.

(9) Register of modifications in Budget Grants.

(10) Register of Renewed, Sub-divided and Consolidated Municipal Debentures.

(11) Register of Vehar Water Works Debt (suggested by Auditors).

(12) Register of Sinking Fund Investments.

(13) Register of modifications in Loan allotments.

(14) Register of Sale of Stores.

(15) Register of moneys received and payments made by the Municipal Paymaster.

(16) Register of unpaid wages of Municipal Employés.

The attention of this department was also occupied in many special questions which do not ordinarily arise, such as the examination of the Sinking Funds from the time they were instituted, representations to be made to Government for aid in financing the Plague expenditure, framing rules for admission of employés into the Municipal service and their subsequent promotion, proving the stability of our finances to the satisfaction of Government, &c. When I mention further that in addition to the registers and forms alluded to above I had already gradually introduced those noted in the margin, all requiring clerical and accountancy work, it will be evident that the statements given in para. 58, though they bring out the enormous increase in work, do not adequately represent the additional duties my office is now called upon to perform.

(1) Report of arrears of work.
(2) Application for leave.
(3) Statement of daily attendance.
(4) Reports of casual leave.
(5) Register of outstanding Cheques.
(6) Register of Cheques payable.
(7) Register of Cheques issued.
(8) Register of service rendered by each Employé.
(9) Service Books.
(10) Register of Road Repairs.
(11) Register of Securities tendered by Municipal Employés.
(12) Register of Securities deposited by Contractors.
(13) Register of Securities belonging to different Loan and Reserve Funds, &c.
(14) Registers of Transfers, Withdrawals and Investments of Funds.
(15) Statement showing outstanding deposits and advances.
(16) Register of Advances.
(17) Register of Deposits.
(18) Register of Departmental Works.
(19) Register of Private Works.
(20) Security Register.

This will be still more apparent when I mention that the following reforms are still to be undertaken by me :—

(1) To write a Manual for my office.

(2) To institute a test audit of all departmental accounts.

(3) To re-organize the system of keeping Workshop Accounts.

(4) To re-organize the system of keeping Central Office Accounts.

The situation that has thus been evolved is that if reforms are to continue, if errors are to be avoided, and the responsible duties of my appointment performed with satisfaction to myself and the City, additional staff must be made available.

68. The following are the Appendices attached to my Report :—

No. 1. Revenue Account.

No. 2. Statement of Income realised during 1904-05.

No. 3. Statement of Town Duties Collected and the Refunds allowed in 1904-05.

No. 3-(A) Statement of Net Town Duties collected from 1895-96 to 1904-05.

No. 3-(B) Statement of Gross Town Duties levied during the five years ending 31st March 1905, the Refunds allowed and the Net Income realised during that period.

No. 4. Statement showing the Final Sanctioned Expenditure Grants for 1904-05.

No. 5. Statement showing the Expenditure for 1904-05 as compared with the Final Sanctioned Grants and the Actuals for the preceding year.

No. 6. Statement showing the Surplus Cash Balance on 31st March 1905.

No. 6-(A) Statement showing the amounts of Loans raised up to 31st March 1905, the expenditure incurred therefrom and the invested balances remaining on 31st March 1905.

No. 7. Statement showing the outstanding loans due by the Municipality on 31st March 1905.

No. 7-(A) Statement showing the amount which should have accumulated in the Sinking Fund on the basis of the Fixed Instalments and the amount actually invested up to 31st March 1905.

No. 8. Statement showing the Interest outstanding on different Municipal Loans on 31st March 1905.

No. 9. Statement of Assets and Liabilities up to 31st March 1905.

No. 9-(A) Statement showing the Expenditure on different Loan Works up to 31st March 1905.

No. 9-(B) Statement showing the Invested Surplus Loan and Reserve Fund Balances on 31st March 1905 as compared with those on 31st March 1904.

No. 10. Statement showing the Expenditure on Plague Operations during 1904-05.

No. 11. Water Works Income and Expenditure Account.

No. 12. Water Works Assets and Liabilities.

No. 13. Statement of Total Receipts and Disbursements for the year ending 31st March 1905.

Appendix No. 1.

Revenue Account for 1904-1905.

Revenue.	Amount.	Total.	Grand Total.
Taxation Proper.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Tax	31,77,874 6 1		
2. Wheel Tax and Tolls	4,19,087 9 3		
3. Town Duties	14,16,252 13 0		
4. Licenses	1,63,772 3 0		
5. Receipts from Government for Liquor Licenses	1,43,750 0 0		
6. Do. do. for Tobacco Duty	2,59,744 5 8		
		55,22,670 12 0	
Services rendered.			
7. Halalkhore Tax	8,75,193 8 7		
8. Water Tax and other Miscellaneous Water Works Revenue	17,14,453 3 6		
		25,89,646 12 1	
Returns from Property and Miscellaneous.			
9. Market Receipts	4,47,443 5 9		
10. Public Gardens	11,451 0 7		
11. Tramway Rent	50,053 14 10		
12. Contribution from Municipal Servants towards Pension, &c., Fund	21,038 1 6		
	Rs. a. p.		
13. Interest on Investments of Surplus Loan and other Balances	1,43,588 0 2		
Interest on Sinking, Insurance, Worn-out Water Mains Renewal, School Building and Net Premia Funds Investments	2,51,534 9 8		
	3,95,122 9 10		
14 Miscellaneous (a)	2,62,370 4 2		
		11,87,639 4 8	
		92,99,956 12 9	
15. Net Premium received on the 12½ Lakhs Water Works Loan		36,154 11 11	
			93,36,111 8 8
		Total Rs.	93,36,111 8 8

Expenditure.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Superintendence	2,29,515 5 10		
2. Assessment and Collection and Revenue and Refund Audit Departments	3,18,017 2 3		
3. Fire Brigade	1,34,282 4 7		
4. Public Gardens—Maintenance and New Works	66,661 5 4		
5. Public Works (Engineer's) Department	17,32,302 5 5		
6. New Works	88,736 14 10		
7. Public Health Department	18,16,401 8 1		
8. Police Charges	5,01,075 6 5		
9. General Stores	10,994 5 10		
10. Education	1,54,762 15 3		
11. Hospitals	57,000 0 0		
12. Pensions, Gratuities and Compassionate Allowances	74,134 3 7		
13. Contribution to the City Improvement Trust	2,00,000 0 0		
14. Plague Expenses	1,81,919 6 8		
		56,65,143 4 1	
15. Municipal Debt—			
Interest and Charges on Loans	21,32,683 13 7		
Reduction of debt and payment of Sinking Fund, including investment of interest accrued on Sinking Fund	7,00,879 8 11		
		28,33,563 6 6	
16. Investments—			
Municipal Buildings Fire Insurance Fund	5,000 0 0		
Interest on the Insurance, Worn-out Water Mains Renewal, School Building and Net Premia Funds	30,399 2 1		
		35,399 2 1	
17. Miscellaneous (b)		21,357 2 1	
18. Investment of net premia received on the 12½ Lakhs Water Works Loan raised in 1904-05		36,154 11 11	
			85,91,617 10 8
Excess of Income over Expenditure			7,44,493 14 0
		Total Rs.	93,36,111 8 8

(a)	Rs. a. p.
Miscellaneous Fines	13,127 10 5
Do. Receipts	1,58,355 12 7
Do. Fees	59,168 15 6
Do. Savings	3,798 4 8
Profit on Municipal Workshops	17,077 5 3
Actual Profit on sale of Stores to Contractors, &c.	7,957 3 1
Sale proceeds of unserricoable Tools and Plant, &c.	2,884 15 8
Total Rs.	2,62,370 4 2

(b)	Rs. a. p.
Discretional Contingencies	2,823 12 0
Auditors' Allowance	11,250 0 0
Election Expenses	869 1 1
Purchase of a shigram for carrying Lepers to the Asylum at Matunga	475 0 0
Cost of engrossing and illuminating the address of welcome presented to the Right Hon'ble Baron Curzon of Kedleston, Viceroy designate of India, on his arrival in Bombay and of a silver casket to contain the same	999 5 0
Expenses towards the Health Exhibition held under the auspices of the Bombay Sanitary Association	5,000 0 0
Total	21,357 2 1

W. K. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

IN

STATEMENT showing the Net Receipts during the Financial Year 1904-05 from all sources

PARTICULARS.	Actuals for 1903-04.	Budget Estimate for 1904-05.	Revised Estimate for 1904-05.	Actuals for 1904-05.
1	2	3	4	5
Taxation Proper.	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.
General Tax at 10 per cent. (including Government and Port Trust Contributions)	27,64,974 4 1	28,09,500	29,85,713 10 8	30,26,572 5 10
Additional at ½ per cent. for Fire Brigade charges	1,38,163 0 1	1,40,500	1,49,286 5 4	1,51,302 0 8
	29,03,137 4 2	29,50,000	31,35,000 0 0	31,77,874 6 1
Wheel Tax and Tolls	3,98,069 11 11	3,95,000	4,65,000 0 0	4,19,587 0 3
Town Duties	11,68,973 2 5	12,00,000	12,00,000 0 0	14,16,942 13 0
Licenses—				
(a) Dangerous and Offensive Trades	73,890 0 0	70,000	74,000 0 0	75,094 8 0
(b) Streets and Buildings	3,590 0 0	4,000	4,000 0 0	4,740 0 0
(c) Land Conveyance, Music, &c., Licenses	28,031 2 0	25,500	24,000 0 0	25,967 11 0
Receipts from Government for Liquor Licenses	1,43,750 0 0	1,44,000	1,43,750 0 0	1,43,750 0 0
Do. do. Tobacco Duty	2,40,003 11 0	2,39,000	2,45,050 0 0	2,60,744 5 8
	49,59,564 15 6	50,27,500	52,30,800 0 0	55,22,670 12 0
Services rendered.				
Halalkhore Tax	8,10,609 14 4	8,14,000	8,59,500 0 0	8,75,198 8 7
Water Tax and other Misc. Water Works Revenue	15,71,566 4 7	15,41,000	16,91,000 0 0	17,14,453 3 6
	23,82,176 2 11	23,55,000	25,50,500 0 0	25,89,646 12 1
Returns from Property and Miscellaneous.				
Market Receipts	4,53,154 0 9	4,44,000	4,53,000 0 0	4,47,443 5 9
Public Gardens	11,342 11 9	11,000	11,500 0 0	11,551 0 7
Tramway Rent	50,053 14 10	50,000	50,053 14 10	50,053 14 10
Miscellaneous Fines	14,508 11 4	12,000	13,500 0 0	13,127 10 5
Do. Receipts	1,38,406 8 2	1,19,000	1,40,000 0 0	1,58,355 13 7
Do. Fees	59,051 12 9	53,000	54,300 0 0	59,168 15 6
Do. Savings	2,686 6 1	5,000	3,000 0 0	3,798 4 8
Contribution from Municipal Servants towards Pension, &c., Fund	22,786 8 8	20,000	21,000 0 0	21,098 1 6
Profit on Municipal Workshops	16,158 6 8	5,000	10,000 0 0	17,077 5 3
Actual Profit on Sale of Stores to Contractors, &c.	150 0 0	4,000	1,000 0 0	7,947 3. 1
Sale Proceeds of Unserviceable Tools and Plant, &c.	3,324 5 10	4,000	2,646 1 2	2,884 15 8
Interest on Investments of Surplus Loan and other Balances	1,35,212 13 5	96,500	1,33,000 0 0	1,43,588 0 2
Interest on 5, 4, and 3½ per cent. Municipal Loans Sinking Fund Investments	1,94,351 14 5	2,23,100	2,21,300 0 0	2,21,135 7 7
Interest on Municipal Buildings Fire Insurance Fund Investments	2,783 0 1	3,000	3,130 0 0	3,095 2 1
Interest on Worn-out Water Mains Renewal Fund Investments	21,416 3 7	21,700	22,350 0 0	22,312 1 6
Interest on Investments of the Net Premia, &c., Fund	1,944 0 0	2,000	3,000 0 0	2,789 13 1
Do. do. School Building Fund	2,111 13 4	2,200	2,210 0 0	2,202 1 5
	11,30,163 3 8	10,75,500	11,43,000 0 0	11,87,689 4 8
Total Rs.	84,71,844 6 1	84,58,000	89,26,300 0 0	92,99,956 12 9
Net Premium received on the 12½ Lakhs Water Works Loan	* 10,781 4 0	.....	36,169 11 11	36,154 11 11
GRAND TOTAL Rs.	84,82,625 10 1	84,58,000	89,62,469 11 11	93,36,111 8 8
				Less—
				Net Increase Rs.

W. E. WAITE,
Chief Accountant.

* This amount represents the Net Premia received on the last

No. 2.

COME.

as contrasted with the Original Budget Estimate, the Revised Estimate and the Actuals for 1903-04.

As compared with the Original Estimate.		As compared with the Revised Estimate.		As compared with the Actuals for 1903-04.	
More.	Less.	More.	Less.	More.	Less.
6	7	8	9	10	11
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
2,17,072 5 10	.....	46,858 11 2	.....	2,61,598 1 9	.....
10,802 0 3	.....	2,915 10 11	.....	13,139 0 2	.....
2,27,874 6 1	.....	42,374 6 1	.....	2,74,737 1 11	.....
24,587 0 3	.....	14,587 0 3	.....	21,517 4 4	.....
2,16,942 13 0	.....	2,16,942 13 0	.....	2,47,969 10 7	.....
5,094 8 0	.....	1,094 8 0	.....	1,264 8 0	.....
740 0 0	.....	740 0 0	.....	1,150 0 0	.....
.....	1,562 5 6	.....	62 5 0	.....	4,093 7 6
.....	250 0 0	.....	.....	.....	.....
21,744 5 8	.....	15,694 5 8	.....	20,680 10 8	.....
4,96,983 1 0	1,812 5 0	2,91,035 1 0	62 5 0	5,67,239 3 6	4,093 7 6
61,193 8 7	.....	15,693 8 7	.....	64,583 10 3	.....
1,73,453 3 6	.....	28,453 3 6	.....	1,42,886 14 11	.....
2,34,646 12 1	.....	39,146 12 1	.....	2,07,470 9 2	.....
3,443 5 9	.....	.....	5,556 10 3	.....	5,710 11 6
551 0 7	.....	51 0 7	.....	208 4 10	.....
53 14 10	.....	.....	.....	.....	.....
1,127 10 5	.....	.....	372 5 7	.....	1,381 0 11
39,355 13 7	.....	18,355 13 7	.....	19,949 5 5	.....
6,168 15 6	.....	4,868 15 6	.....	117 2 9	.....
.....	1,201 11 4	798 4 8	.....	1,111 14 7	.....
1,098 1 6	.....	98 1 6	.....	.....	1,688 7 2
12,077 5 3	.....	7,077 5 3	.....	918 14 7	.....
3,957 3 1	.....	6,957 3 1	.....	7,807 3 1	.....
.....	1,115 0 4	238 14 6	.....	.....	419 6 2
47,088 0 2	.....	10,588 0 2	.....	7,675 2 9	.....
.....	1,964 8 5	.....	164 8 5	26,783 9 2	.....
95 2 1	.....	.....	44 13 11	302 2 0	.....
612 1 6	.....	.....	37 14 6	895 13 11	.....
789 13 1	.....	.....	210 2 11	845 13 1	.....
2 1 5	.....	.....	7 14 7	90 4 1	.....
1,16,420 8 9	4,281 4 1	49,033 10 10	6,394 6 2	66,705 10 3	9,229 9 3
8,48,050 5 10	6,093 9 1	3,80,113 7 11	6,456 11 2	8,41,435 6 11	13,323 0 3
36,154 11 11	.....	.....	15 0 0	25,373 7 11	.....
8,84,205 1 9 6,093 9 1	6,093 9 1	3,80,113 7 11 6,471 11 2	6,471 11 2	8,66,808 14 10 13,323 0 3	13,323 0 3
2,78,111 8 8		3,73,641 12 9		8,53,485 14 7	

W. D. SHEPPARD,
Municipal Commissioner.

instalment of Rs. 3¾ Lakhs of the 24¾ Lakhs Loan raised in 1903-04.

APPENDIX

STATEMENT showing the Quantity and Value of several Articles upon which Town Duty was

Duty collected by		Grain and Pulse at 4 Annas per Candy.			Flour of all sorts at 75 per cent. of the rate at the time being levied on the grain from which flour is prepared.			Wines and Spirits at 4 Annas per Gallon.			Beer at 6 Pies per Gallon.		
		Candies.	Parrahs.	Amount of Duty.	Candies.	Parrahs.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.
				Rs. a. p.			Rs. a. p.			Rs. a. p.			Rs. a. p.
Bombay Port Trust.													
April	1904	1,14,093	4	28,523 6 0	0	5	0 1 2	74,157	1	18,534 4 6	97,961	0	3,061 4 6
May	,,	80,648	1	20162 0 9	.....	...	.....	84,153	0	21,038 4 3	1,62,344	7	5,075 7 2
June	,,	68,1·7	2	17,029 5 0	.....	...	.....	81,850	4	20,462 10 0	1,64,346	0	5,135 13 0
July	,,	51,879	0	12,969 12 3	.....	...	.....	89,602	7	22,400 11 6	1,48,460	0	4,639 6 0
August	,,	86,955	6	21,738 15 3	0	5	0 2 0	79,091	4	19,772 14 2	1,16,438	4	3,638 11 3
September	,,	92,618	6	23,154 11 0	175	3	82 14 0	83,978	1	20,994 8 5	93,061	4	2,908 2 9
October	,,	90,946	0	22,729 0 0	1	3	0 4 0	73,512	0	18,379 4 2	1,24,915	4	3,903 9 9
November	,,	49,725	0	12,131 5 6	.....	...	.....	95,769	6	23,442 7 1	1,00,644	0	3,145 2 0
December	,,	44,096	3	11,024 1 3	2	0	0 6 0	1,09,894	1	27,456 9 7	2,06,003	0	6,437 9 6
January	1905	67,559	0	16,889 11 0	1	0	0 3 0	93,959	7	23,489 15 4	1,20,526	0	3,766 7 0
February	,,	68,863	4	17,215 14 0	9	4	1 12 6	96,137	6	24,034 4 0	1,37,205	4	4,287 10 9
March	,,	1,46,433	5	36,608 6 6	.....	...	.....	1,10,089	6	27,522 6 10	1,63,258	0	5,101 13 0
Total...		9,60,905	7	2,40,226 9 3	190	4	85 11 3	10,70,110	5	2,67,527 10 10	16,35,233	7	51,101 0 8
G. I. P. Railway.													
April	1904	1,72,027	3	43,256 13 6	711	5	133 7 0	102	0	25 8 0	498	0	15 9 0
May	,,	2,32,479	3	58,369 12 6	740	3	138 13 0	193	6	48 4 0	446	0	13 15 0
June	,,	1,15,185	6	28,871 7 0	1,682	5	315 8 0	4	0	1 0 0	564	0	17 10 0
July	,,	65,624	1	16,408 8 6	647	3	113 14 0	457	2	114 5 0	98	0	3 1 0
August	,,	1,49,417	0	37,354 4 0	1,138	3	213 7 0	87	2	21 13 0	20	0	0 10 0
September	,,	1,10,217	2	27,554 5 0	779	0	146 1 0	82	4	20 8 0	84	0	2 10 0
October	,,	1,21,852	0	30,963 0 0	876	2	164 5 0	245	0	53 12 0	280	0	7 3 0
November	,,	96,934	6	24,233 11 0	828	3	155 5 0	301	0	75 4 0	730	0	22 13 0
December	,,	1,60,061	2	40,015 5 0	1,119	3	209 14 0	152	0	38 0 0	514	0	16 1 0
January	1905	1,01,585	0	26,146 4 0	252	0	47 4 0	279	0	69 12 0	210	0	6 9 0
February	,,	98,504	6	24,626 3 0	195	0	36 9 0	241	0	60 4 0	38	0	1 3 0
March	,,	89,788	0	22,447 0 0	146	0	27 6 0	404	2	101 1 0	190	0	5 15 0
Total...		15,28,986	5	3,32,246 10 6	9,076	4	1,701 13 0	2,518	6	629 7 0	3,622	0	113 3 0
B. B. & C. I. Railway Co.													
April	1904	42,808	0	10,577 0 0	563	3	105 10 0	.....	...	.....	.....	...	.....
May	,,	46,869	0	11,642 4 0	533	0	99 15 0	4	0	1 0 0	.....	...	.....
June	,,	20,817	2	5,204 5 0	.....	...	.....	2	0	0 8 0	.....	...	.....
July	,,	16,495	2	4,123 13 0	.....	...	.....	.....	...	.....	.....	...	.....
August	,,	45,868	2	11,465 13 0	82	3	15 7 0	6	0	1 8 0	64	0	2 0 0
September	,,	53,533	2	13,383 5 0	267	0	50 1 0	10	0	2 8 0	.....	...	.....
October	,,	57,371	2	14,342 13 0	885	5	62 15 0	.....	...	.....	.....	...	.....
November	,,	38,209	6	9,802 7 0	89	5	16 13 0	5	0	1 4 0	.....	...	.....
December	,,	56,308	2	14,202 1 0	27	5	5 3 0	.....	...	.....	.....	...	.....
January	1905	58,496	2	14,624 2 0	49	0	9 3 0	.....	...	.....	.....	...	.....
February	,,	30,373	2	7,593 5 0	116	2	21 13 0	.....	...	.....	.....	...	.....
March	,,	30,672	0	7,668 0 0	.....	...	.....	42	4	10 10 0	.....	...	.....
Total...		4,98,516	6	1,24,629 3 0	2,064	0	387 0 0	69	2	17 6 0	64	0	2 0 0
Grand Total....		29,88,411	2	7,47,102 7 9	11,331	0	2,124 8 3	10,72,698	7	2,68,174 7 10	16,38,919	7	51,216 3 8
Deduct— Refunds passed by the Revenue and Refund Audit Officer.....		17,25,472	4	4,31,368 2 0	1,37,277	5	25,739 9 0	67,485	4	16,871 6 0	13,14,611	0	34,831 10 0
Net Revenue ...		12,62,938	6	3,15,734 5 9	.....	...	.....	10,05,213	3	2,51,303 1 10	3,24,307	7	16,384 9 8
Less— Refunds passed in excess of collections		.....	...	.....	1,25,946	5	23,615 0 9	.....	...	.....	.....	...	.....

ABSTRACT.

	Rs. a. p.	Rs. a. p.
Balance on 31st March 1904—		
Port Trust	26,388 3 1	
G. I. P. Railway	10,114 3 9	
B. B. & C. I. Railway Co.	583 13 0	
		37,088 8 1
Add—		
Collections in 1904-1905—		
Port Trust	21,61,257 7 10	
G. I. P. Railway	5,47,277 7 3	
B. B. & C. I. Railway Co.	2,43,846 9 7	
		29,52,381 8 8
		29,89,464 11 9
Deduct—		
Refunds paid in 1904-1905	15,54,979 0 0	
		15,76,300 14 0
		14,14,163 13 9
Add—Refunds wrongfully obtained by certain parties and recovered from them in 1904-1905, out of which Rs. 228 were credited to the Head—Town Duties and not to Refunds.		2,933 15 0
		14,17,097 12 9
Less—Part of commission for February 1905, which was deducted by the G. I. P. Railway from the collections made in March 1905, which could not be adjusted in the accounts for 1904-05 for want of a grant.		154 15 9
Total Balance as per Books...Rs.		14,16,942 13 0

Balance on 31st March 1905.. { Port Trust 10,386 13 0; G. I. P. Railway 9,424 4 0; B. B. & C. I. Railway Co. 510 13 0 } = 20,321 14 0

W. E. WAITE,
Chief Accountant.

No. 3.

levied during 1904-1905 under Section 192 (1) of the City of Bombay Municipal Act, 1888.

Sugar at 8 Annas per Cwt.		Ghee at 10 Annas per Maund.			Timber at 2½ per Cent. on Market Value.		Firewood at 1 Anna per Candy.			Total Monthly Collections.
Cwts. qrs. lbs.	Amount of Duty.	Maunds.	Seers.	Amount of Duty.	Value.	Amount of Duty.	Candies.	Maunds.	Amount of Duty.	
	Rs. a. p.			Rs. a. p.	Rs. a. p.	Rs. a. p.			Rs. a. p.	Rs. a. p.
3,42,068 3 7	1,71,034 6 6	8,822	29	5,514 3 3	5,51,883 15 4	13,297 1 7	85,220	7	5,326 4 3	2,45,291 0 4
2,87,910 3 3	1,43,955 6 3	11,924	17	7,452 12 3	6,75,582 14 8	16,264 9 2	59,453	7	3,714 9 3	2,18,363 1 1
1,52,451 1 24	76,225 11 9	3,319	8	2,074 3 0	2,39,194 2 8	5,979 13 8	1,085	0	67 13 0	1,26,975 10 5
1,35,285 0 4	67,642 9 0	814	34	509 4 6	3,16,591 10 8	7,914 12 8	888	0	55 8 0	1,16,131 15 11
78,604 2 17	39,302 5 3	784	22	490 5 6	3,65,223 12 0	9,130 9 6	375	14	23 7 6	94,027 6 5
1,60,347 2 17	80,173 13 3	3,538	31	2,274 3 9	2,98,039 12 8	7,450 15 11	13,367	0	835 7 0	1,37,824 12 1
2,97,375 2 25	1,48,687 13 9	2,826	2	1,766 4 6	8,60,832 1 4	21,520 12 10	43,353	0	2,709 9 0	2,19,696 10 0
2,20,718 0 25	1,10,359 1 9	4,779	33	2,987 6 3	6,36,292 8 0	15,907 5 0	39,325	21	2,457 13 9	1,70,480 9 4
3,32,261 0 0	1,66,130 8 0	5,198	32	3,121 2 0	7,09,595 10 0	17,739 14 3	49,561	21	3,097 9 9	2,87,007 3 4
3,13,442 3 25	1,56,721 7 9	7,770	26	4,856 10 6	5,44,414 12 8	13,610 5 11	55,751	0	3,484 7 0	2,22,819 4 3
1,95,824 1 4	97,912 2 3	9,870	14	6,168 15 6	4,35,238 12 0	10,880 15 6	69,696	0	4,356 0 0	1,64,857 10 6
2,10,486 2 7	1,05,243 4 6	8,393	23	5,245 15 9	9,59,940 13 4	23,998 8 4	63,369	7	3,991 13 3	2,07,712 4 2
27,26,777 1 0	13,63,388 10 0	71,138	31	44,461 11 9	65,75,830 13 4	1,64,395 12 4	4,81,925	21	30,120 5 9	21,61,257 7 10
7,637 2 0	3,818 12 0	12,708	2	7,942 8 6	7,985 0 0	199 10 0	3,931	0	245 11 0	55,637 15 6
5,281 2 14	2,640 13 0	11,275	20	7,047 3 0	6,635 0 0	165 14 0	2,915	0	182 3 0	68,606 14 6
1,680 3 0	840 6 0	11,764	31	7,352 15 9	9,185 0 0	229 10 0	5,331	0	333 3 0	57,961 11 9
3,644 1 14	1,822 3 0	8,545	15	5,340 13 9	11,230 0 0	280 12 0	4,801	0	300 1 0	24,383 10 3
5,326 0 0	2,663 0 0	8,870	19	5,544 0 9	4,570 0 0	114 4 0	6,208	0	388 0 0	46,229 6 9
4,181 2 14	2,090 13 0	13,719	32	8,574 14 0	3,365 0 0	84 2 0	6,145	0	384 1 0	38,857 6 0
7,019 0 0	3,509 8 0	28,685	0	17,928 2 0	14,955 0 0	373 14 0	3,333	0	208 5 0	55,208 1 0
2,953 0 0	1,476 8 0	22,978	30	14,361 11 6	8,510 0 0	212 12 0	1,601	0	100 1 0	40,638 1 6
9,473 0 14	4,736 9 0	28,782	2	17,988 12 6	9,665 0 0	241 10 0	2,089	0	130 9 0	63,376 12 6
6,599 0 0	3,299 8 0	16,584	11	10,365 2 9	13,760 0 0	344 0 0	2,242	0	140 2 0	40,418 9 9
15,281 3 0	7,640 14 0	16,973	15	10,608 5 9	11,210 0 0	280 4 0	2,369	0	148 1 0	43,401 11 9
5,960 2 14	2,980 5 0	10,528	34	6,580 8 6	8,500 0 0	212 8 0	2,119	0	132 7 0	32,487 2 6
75,038 1 14	37,519 3 0	1,91,416	11	1,19,635 2 9	1,09,570 0 0	2,739 4 0	43,084	0	2,692 12 0	5,47,277 7 3
2 3 0	1 6 0	12,324	4	7,702 9 0	3,775 0 0	94 6 0	3,653	0	228 5 0	18,709 4 0
.....	.....	14,544	28	9,090 7 0	1,655 0 0	41 6 0	5,860	0	366 4 0	21,241 4 0
1,031 1 0	515 10 0	17,334	36	10,834 5 0	5,975 0 0	149 6 0	6,348	0	396 12 0	17,100 14 0
1 0 0	0 8 0	18,623	0	11,639 6 0	2,980 0 0	74 8 0	5,843	0	365 3 0	16,203 6 0
22 1 0	11 2 0	23,023	36	14,383 15 0	1,240 0 0	31 0 0	6,993	0	437 1 0	26,353 14 0
.....	.....	17,618	16	11,011 8 0	1,660 0 0	41 8 0	6,702	0	418 15 0	24,907 13 0
1 2 0	0 12 0	9,879	19	6,174 10 8	625 0 0	15 10 0	2,146	0	134 2 0	20,730 14 8
1 1 0	0 10 0	6,532	45	4,082 11 10	3,125 0 0	28 2 0	480	0	30 0 0	13,961 15 10
17 0 14	8 9 0	14,148	25	6,967 14 3	4,070 0 0	101 12 0	5,810	0	363 2 0	21,648 9 3
1 0 0	0 8 0	17,128	32	10,705 8 0	1,000 0 0	25 0 0	4,750	0	296 14 0	25,661 3 0
953 2 0	476 12 0	18,361	3	11,475 10 10	1,290 0 0	32 4 0	6,007	0	375 7 0	19,975 3 10
44 2 0	22 4 0	14,298	28	8,936 11 0	4,605 0 0	115 2 0	9,593	0	599 9 0	17,352 4 0
2,076 0 14	1,038 1 0	1,80,418	2	1,13,011 4 7	80,000 0 0	750 0 0	64,186	0	4,011 10 0	2,43,846 9 7
38,03,891 3 0	14,01,945 14 0	4,43,373	4	2,77,108 3 1	67,15,400 13 4	1,67,885 0 4	5,89,195	21	36,824 11 9	29,52,381 8 8
17,32,750 3 0	8,66,375 6 0	76,478	20	47,799 1 0	9,04,620 0 0	22,615 8 0	.....	0	.....	14,45,600 10 0
10,71,141 0 0	5,35,570 8 0	3,66,894	24	2,29,309 2 1	58,10,780 13 4	1,45,269 8 4	5,89,195	21	36,824 11 9	15,36,395 15 5
.....	.....	.....	...	.....	.....	.....	.....	...	.....	23,615 0 9
									Net Revenue...Rs.	15,06,780 14 8

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 3 A.

Statement showing the net Revenue derived on different dutiable articles during the last ten years commencing from 1895-1896 *to* 1904-05.

Articles.	1895-96.	1896-97.	1897-98.	1898-99.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.
	@ annas 2.	@ annas 2.	@ annas 2.	@ annas 4.	@ annas 6.	@ annas 6.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.
Grain	1,25,977 0 0	1,33,323 0 0	1,44,402 0 0	2,63,317 0 0	6,23,352 0 0	3,12,928 0 0	2,61,194 0 0	2,98,904 0 0	2,78,048 0 0	3,15,734 5 9
	@ annas 1-3.	@ annas 1-6.	@ annas 1-6.	@ annas 3.	@ annas 4-6.	@ annas 4-6.	@ annas 3.	@ annas 2.	@ annas 3.	@ annas 3.
Flour	—10,789 0 0	—8,895 0 0	—5,486 0 0	—15,260 0 0	—28,006 0 0	—20,837 0 0	—18,856 0 0	—21,741 0 0	—22,942 0 0	—23,615 0 9
	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.
Wines and Spirits ...	2,10,364 0 0	1,90,310 0 0	2,15,237 0 0	2,41,796 0 0	2,35,986 0 0	2,19,736 0 0	2,27,911 0 0	2,35,030 0 0	2,51,011 0 0	2,54,303 1 10
	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.
Beer	11,140 0 0	9,147 0 0	11,810 0 0	14,763 0 0	13,504 0 0	7,818 0 0	15,468 0 0	10,575 0 0	8,231 0 0	16,384 9 8

	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.
Sugar	2,09,927 0 0	1,59,595 0 0	3,53,485 0 0	1,20,787 0 0	2,25,358 0 0	3,27,058 0 0	2,47,922 0 0	3,34,780 0 0	1,86,117 0 0	5,35,570 8 0
	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 8.	@ annas 10.	@ annas 10.
Ghee	1,79,346 0 0	1,35,111 0 0	1,43,757 0 0	1,80,082 0 0	2,20,293 0 0	2,06,715 0 0	2,02,653 0 0	1,63,756 0 0	2,21,287 0 0	2,29,309 2 1
	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %	@ 2½ %
Timber	1,10,911 0 0	89,431 0 0	94,281 0 0	1,21,376 0 0	1,12,607 0 0	1,01,633 0 0	1,03,796 0 0	1,04,358 0 0	1,29,304 0 0	1,45,269 8 4
	@ anna 1.	@ anna 1.	@ anna 1.	@ annas 2.	@ annas 2.	@ annas 2.	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.
Firewood	40,903 0 0	26,618 0 0	34,670 0 0	67,833 0 0	80,933 0 0	70,775 0 0	42,159 0 0	34,754 0 0	36,067 0 0	36,824 11 9
Total Rs. ...	8,81,379 0 0	7,43,640 0 0	9,91,956 0 0	9,92,954 0 0	14,83,027 0 0	12,17,026 0 0	10,82,247 0 0	11,60,416 0 0	10,87,123 0 0	15,06,780 14 8

N.B.—This statement shows the net Revenue *payable* to the Municipality after deducting from gross collections refunds *passed* for payment by the R. and R. Audit Officer, though such refunds may not actually have been fully paid.

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

APPEN

Statement showing the actual Collections, Refunds admitted and Net

ARTICLES.	1900-1901.			1901-1902.		
	Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain	11,82,952 13 4	8,70,025 5 0	3,12,927 8 4	5,42,702 0 0	2,81,509 0 0	2,61,194 0 0
Flour	61 4 0	29,697 14 0	—29,636 10 0	46 0 0	18,901 0 0	—18,856 0 0
Wines and Spirits	2,35,383 2 10	15,646 15 0	2,19,736 3 10	2,43,165 0 0	15,254 0 0	2,27,911 0 0
Beer	36,203 15 9	28,385 11 0	7,818 4 9	40,922 0 0	25,454 0 0	15,468 0 0
Sugar	11,54,320 2 9	8,27,262 5 0	3,27,057 13 9	9,59,368 0 0	7,11,446 0 0	2,47,922 0 0
Ghee	2,77,498 13 0	70,783 10 0	2,06,715 3 0	2,36,183 0 0	33,530 0 0	2,02,653 0 0
Timber	1,26,813 10 5	25,180 6 0	1,01,633 4 5	1,24,859 0 0	21,063 0 0	1,03,796 0 0
Firewood	70,774 12 3	.....	70,774 12 3	42,159 0 0	.....	42,159 0 0
Total Rs. ...	30,84,008 10 4	18,66,382 2 0	12,17,026 8 4	21,89,404 0 0	11,07,157 0 0	10,82,247 0 0

W. E. WAITE,
Chief Accountant.

PIX 3 B.

Revenue during the five years from 1900-01 *to* 1904-05.

1902-1903.			1903-1904.			1904-1905		
Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
5,67,289 4 9	2,68,384 13 0	2,98,904 7 9	5,84,694 0 0	3,06,645 12 0	2,78,048 4 0	7,47,102 7 9	4,31,368 2 0	3,15,734 5 9
21 15 6	21,763 2 0	—21,741 2 6	1,330 11 6	24,262 7 0	—22,941 11 6	2,124 8 3	25,739 9 0	—23,615 0 9
2,53,831 6 7	18,801 13 0	2,35,029 9 7	2,66,774 11 0	15,763 13 0	2,51,010 15 0	2,68,174 7 10	16,871 6 8	2,51,303 1 10
40,098 4 2	29,523 0 0	10,575 4 2	38,571 3 6	30,340 3 0	8,231 0 6	51,216 3 3	34,831 10 0	16,384 9 3
10,80,911 14 0	7,45,231 10 0	3,34,780 4 0	12,75,376 9 6	10,89,260 2 0	1,86,116 7 6	14,01,945 14 0	8,66,375 6 0	5,35,570 8 0
2,06,917 7 9	43,161 14 0	1,63,755 9 9	2,59,975 3 4	38,687 13 0	2,21,287 6 4	2,77,108 3 1	47,799 1 0	2,29,309 2 1
1,30,969 13 9	26,611 15 0	1,04,357 14 9	1,52,643 6 2	23,339 8 0	1,29,303 14 2	1,67,885 0 4	22,615 8 0	1,45,269 8 4
34,753 12 3	.....	34,753 12 3	36,066 14 0	.....	36,066 14 0	36,824 11 9	.....	36,824 11 9
23,13,893 14 9	11,53,478 3 0	11,60,415 11 9	26,15,422 11 0	15,28,299 9 0	10,87,123 2 0	29,52,381 8 8	14,45,600 10 0	15,06,780 14 8

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 4.

CONTRASTED STATEMENT showing the Original Budget Grants for 1904-1905, Renewed Grants for 1903-1904 and previous years, Additional Grants, Transfers, Modifications as per the Revised Estimate for 1904-1905, and the Grants as finally sanctioned.

Particulars.	Original Grants sanctioned by the Corporation as per Section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for 1902-1903 and previous years required for expenditure in 1904-1905, and of transfers sanctioned in 1903-1904 but not utilized in that year.	Lapsed Grants for 1903-1904 renewed by the Standing Committee under Section 133.	Add Transfers as per Section 133 (1) b & c and (2).	Deduct Transfers as per Section 133 (1) a & c.	Total.	Less anticipated Savings as per Revised Estimate of expenditure for 1904-1905.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence—									
Corporation and Standing Committee's Establishment	60,311 0 0	601 8 0	.....	.....	737 0 0	737 0 0	60,913 8 0	517 7 0	60,396 1 0
Municipal Commissioner's Personal Office Establishment	59,811 0 0	.....	.....	2,002 5 7	78 2 0	.....	61,891 7 7	15 2 0	61,876 5 7
General Office Establishment	37,726 0 0	5,684 7 4	2,501 0 7	10,189 5 10	.....	78 2 0	56,022 11 9	340 10 0	55,682 1 9
Accounts and Expenditure Audit Establishment	61,642 0 0	49 5 2	.....	18 0 0	325 0 0	328 1 0	63,797 4 2	522 2 0	64,775 2 2
Total Rs.	2,22,490 0 0	6,339 4 6	2,501 0 7	12,209 11 5	1,140 2 0	1,143 3 0	2,44,126 15 6	1,395 5 0	2,42,731 10 6
Assessment and Collection Department—									
Property and Wheel Tax Establishment	1,61,375 0 0	3,170 0 0	.....	630 4 4	2,153 0 0	2,141 0 0	1,65,357 4 4	2,000 0 0	1,63,357 4 4
Town Duty Collection	70,000 0 0	33,964 5 6	.....	.....	.....	.....	1,03,964 5 6	.....	1,03,964 5 6
Tolls Collection	485 0 0	.....	.....	16 0 0	150 0 0	.....	651 0 0	.....	651 0 0
Licensing Establishment	31,881 0 0	.....	.....	420 0 0	.....	.....	32,301 0 0	1,282 7 0	31,018 9 0
Revenue and Refund Audit Office Establishment	26,144 0 0	.....	.....	.....	4,819 0 0	139 0 0	30,824 0 0	2,344 10 4	28,479 5 8
Total Rs..	2,90,015 0 0	37,134 5 6	....	1,066 4 4	7,122 0 0	2,280 0 0	3,33,097 9 10	5,627 1 4	3,27,470 8 6
Fire Brigade	1,27,102 0 0	2 3 3	440 0 0	16,636 4 8	2,210 0 0	2,322 0 0	1,44,235 8 11	1,411 4 0	1,42,824 4 11
Maintenance of Public Gardens—									
Victoria Garden Maintenance	63,073 0 0	1,289 11 0	821 0 10	3,594 3 5	3,748 0 0	1,570 0 0	69,555 15 3	.....	69,555 15 3
Elphinstone Circle Garden	1,660 0 0	.....	.....	29 10 0	.....	390 0 0	1,299 10 0	.....	1,299 10 0
Falkland Road do.	420 0 0	.....	.....	2 14 0	.....	.....	422 14 0	0 0 0	421 14 0
Northbrook do.	1,524 0 0	.....	.....	28 2 4	.....	.....	1,554 2 4	23 1 8	1,531 0 8
Sir C. Jehangir Mahim do.	428 0 0	.....	.....	13 0 3	.....	.....	646 0 3	62 12 0	193 4 3
Bazaar Gate Street do.	862 0 0	.....	.....	.....	138 0 0	.....	790 0 0	.....	790 0 0
Dick's Tank do.	270 0 0	.....	.....	17 11 3	.....	.....	287 11 3	.....	287 11 3
Malabar Hill do.	730 0 0	.....	.....	.....	.....	138 0 0	592 0 0	.....	592 0 0
Total Rs..	69,069 0 0	1,289 11 0	821 0 10	3,797 2 2	3,886 0 0	1,968 0 0	75,945 3 1	92 13 8	75,291 7 5
Public Works (Engineer's) Department—									
I. General Supervision and Miscellaneous Duties	55,878 0 0	.....	.....	723 4 4	.....	400 0 0	56,306 4 4	499 6 1	55,806 14 3
II. Drainage—									
A. Miscellaneous Drainage	2,15,981 8 0	465 4 1	1,895 0 0	5,122 0 4	7,163 0 0	32,361 0 0	1,97,264 12 5	3,022 14 4	1,94,241 14 1
B. Maintenance of Love Grove Pumping Station	1,12,929 0 0	596 0 0	.....	581 10 3	3,500 0 0	2,500 0 0	1,14,106 10 3	3,518 4 0	1,10,588 6 3
C. Maintenance of Sluices	3,340 0 0	.....	.....	.....	.....	.....	3,340 0 0	193 5 1	3,646 10 11
D. Do. of Cola's Pumping Station	29,906 8 0	.....	.....	.....	.....	.....	29,906 8 0	5,679 10 8	24,226 13 4
E. Do. of Air Compressor Station at Love Grove	38,067 0 0	264 13 2	2,462 9 0	38 14 10	.....	.....	40,833 5 0	393 14 1	40,439 6 11
III. Water Works Maintenance	2,13,562 0 0	45,921 8 0	20,953 1 11	8,738 1 11	8,741 11 4	3,092 0 0	2,94,924 7 2	.....	2,94,924 7 2
IV. Streets and Buildings—									
A. Inspection and Supervision	83,417 0 0	72 0 0	150 4 0	779 14 6	2,016 8 0	.....	86,432 10 6	.....	86,432 10 6
B. Public Lighting	2,78,145 0 0	1,852 5 8	.....	700 0 0	1,150 0 0	3,373 8 0	2,78,474 13 8	.....	2,78,474 13 8
C. Road Watering	72,400 0 0	.....	.....	4,037 2 2	4,750 0 0	.....	81,287 2 2	.....	81,287 2 2
D. Oiling and tarring roads and treating roads with Westrumite (experimentally)	.....	13,950 0 0	.....	.....	.....	.....	13,950 0 0	.....	13,950 0 0
D. Road Foot-paths, &c.	2,87,789 0 0	14,914 0 0	2,822 11 11	15,000 10 2	307 0 0	.....	4,57,733 6 1	.....	4,57,733 6 1
E. Street Improvement	1,00,000 0 0	80,000 0 0	8,235 0 0	46,747 10 5	.....	.....	2,05,003 10 5	.....	2,05,003 10 5
F. Miscellaneous	3,340 0 0	.....	7,235 0 0	215 0 0	.....	.....	11,520 0 0	.....	11,520 0 0
V. Cleaning, Lighting and Repairing Port Trust Wharves Roads	35,642 0 0	3,442 13 4	.....	.....	.....	.....	42,084 13 4	.....	42,084 13 4
VI. Sanitary-Disposal of Town's Sweepings at Deonar	1,09,950 0 0	.....	.....	.....	880 0 0	880 0 0	1,09,950 0 0	.....	1,09,950 0 0
Total Rs..	17,46,936 0 0	1,71,116 12 3	43,504 10 10	92,789 4 11	28,388 3 4	44,847 8 0	20,78,397 7 4	13,407 6 3	20,65,190 1 1
Carried over..	24,55,749 0 0	2,16,133 4 8	47,395 12 8	1,15,479 2 7	42,816 5 4	59,080 11 0	28,78,473 13 10	21,934 14 3	28,56,538 15 7

Appendix No. 4—*continued.*

Particulars.	Original Grants sanctioned by the Corporation as per Section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for 1902-1903 and previous years required for expenditure in 1904-1905 and of transfers sanctioned in 1903-1904, but not utilized in that year.	Lapsed Grants for 1903-1904 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 133 (1) *b* & *c* and 2.	Deduct Transfers as per Section 133 (1) *a* & *c*.	Total.	Less anticipated Savings as per Revised Estimates of expenditure for 1904-1905.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ..	24,85,749 0 0	2,16,153 4 8	47,356 12 3	1,15,479 2 7	42,816 5 4	52,080 11 0	28,25,473 13 10	21,934 14 3	28,03,538 15 7
New Works	65,000 0 0	13,412 8 1	37,202 3 9	67,685 9 3	8,372 0 0	.....	1,91,672 5 1	9,664 11 6	1,82,007 9 7
Public Health Department—									
I. General Supervision	95,938 0 0	2,200 0 0	.....	35 12 6	2,170 0 0	.....	1,00,323 12 6	500 0 0	99,823 12 6
II. Conservancy Branch.....	15,04,273 0 0	1,688 12 6	42,712 15 11	14,732 6 10	51,011 0 0	59,377 11 4	15,54,841 7 11	36,908 12 0	15,17,932 11 11
III. Markets and Slaughter-houses	1,50,813 0 0	.....	2,343 0 0	647 6 3	1,090 0 0	1,090 0 0	1,54,039 6 3	6,225 12 4	1,47,813 9 11
IV. Registration of Births and Deaths	92,439 0 0	.....	.....	.....	.....	.....	92,439 0 0	3,111 0 0	89,328 0 0
V. Cemeteries	15,851 0 0	.....	134 7 6	49 0 0	167 0 0	1,114 0 0	15,087 7 6	3,015 0 0	12,072 7 6
VI. Laboratory	9,724 0 0	.....	.....	.....	.....	500 0 0	9,224 0 0	1,500 0 0	7,724 0 0
VII. Mahalaxmi Dhobiwada	14,615 0 0	.....	.....	6 0 0	1,394 0 0	20 0 0	15,995 0 0	....	15,995 0 0
VIII. Infectious Diseases	57,639 0 0	.....	.....	212 0 0	2,450 0 0	2,588 0 0	57,613 0 0	13,000 0 0	44,613 0 0
IX. Milch-cattle Stables and Rooms	6,776 0 0	41 7 6	.....	616 4 10	291 0 0	.....	7,724 12 4	.....	7,724 12 4
X. Tank Conservancy	5,910 0 0	.....	.....	.....	.....	.....	5,910 0 0	23 6 10	5,886 9 2
XI. Rustomji Jamsetji Dharamsala at Falkland Road	335 0 0	.....	.....	.....	.....	.....	335 0 0	.....	335 0 0
XII. Vaccination Contribution to Government.....	17,702 9 0	.....	.....	.....	.....	.....	17,702 0 0	.....	17,702 0 0
Total Rs.	19,72,805 0 0	3,930 4 0	45,397 7 5	16,298 14 5	58,573 0 0	64,689 11 4	20,31,314 14 6	64,283 15 2	19,67,030 15 4
Police Charges—									
Municipal Contribution	5,00,000 0 0	.....	.....	5,441 5 1	.....	.....	5,05,441 5 1	.....	5,05,441 5 1
Alterations to the three rooms belonging to the Municipality at the back of the Pydhonie Police Station	.....	.....	.....	1,002 10 0	.....	.....	1,002 10 0	.....	1,002 10 0
Raising the height and strengthening the banisters of the staircase of Maharwadi Police Station ...	.....	50 0	.....	.....	.....	.....	50 0 0	17 2 9	32 13 3
Cost of paving the floors of the Bazar Gate Police Station and of removing the ceiling and cornice thereof and whitewashing the space thus opened	.....	541 0 0	.....	.....	.....	.....	541 0 0	175 13 11	365 2 1
Total Rs.	5,00,000 0 0	591 0 0	.....	6,443 15 1	.....	.....	5,07,034 15 1	193 0 8	5,06,841 14 5
General Stores Establishment..	14,595 0 0	.....	.....	.....	2,443 1 0	.....	17,038 1 0	.....	17,038 1 0
Education—									
Primary Education	1,24,224 0 0	.....	.....	.....	.....	.....	1,24,224 0 0	.....	1,24,224 0 0
School for Deaf and Dumb Mutes..	1,800 0 0	.....	.....	.....	.....	.....	1,800 0 0	.....	1,800 0 0
Veterinary College	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0	.....	2,500 0 0
Victoria and Albert Museum ...	11,615 0 0	.....	.....	673 2 0	.....	.....	12,288 2 0	100 2 0	12,188 0 0
Victoria Jubilee Technical Institute	10,000 0 0	.....	.....	.....	.....	.....	10,000 0 0	.....	10,000 0 0
Joint Schools Committee Establishment	8,736 0 0	.....	.....	.....	905 0 0	.....	9,641 0 0	73 0 0	9,568 0 0
Victoria Memorial School	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0	.....	2,500 0 0
Total Rs.	1,61,375 0 0	.....	.....	673 2 0	905 0 0	.....	1,62,953 2 0	173 2 0	1,62,780 0 0
Hospitals—									
Gocuidas Tejpal Hospital	36,000 0 0	.....	.....	.....	.....	.....	36,000 0 0	.....	36,000 0 0
Jaffer Sulaman Dispensary	3,000 0 0	.....	.....	.....	.....	.....	3,000 0 0	.....	3,000 0 0
Leper Asylum (Maintenance)	18,000 0 0	.....	.....	.....	.....	.....	18,000 0 0	.....	18,000 0 0
Total Rs.	57,000 0 0	.....	.....	.....	.....	.....	57,000 0 0	.....	57,000 0 0
Miscellaneous—									
Pensions, Gratuities and Compassionate Allowances	60,000 0 0	13,225 2 5	.....	1,277 11 1	3,600 0 0	.....	78,102 13 6	.....	78,102 13 6
Discretional Contingencies	7,000 0 0	.....	.....	36 0 0	.....	.....	7,036 0 0	.....	7,036 0 0
Auditors' Allowance.....	10,000 0 0	.....	.....	1,250 0 0	.....	.....	11,250 0 0	.....	11,250 0 0
Election Expenses.....	1,000 0 0	.....	.....	.....	.....	.....	1,000 0 0	.....	1,000 0 0
Difference between the Book Value and the Sale Proceeds of certain Unserviceable Stores of the Drainage Department written off	.....	111 2 6	.....	.....	.....	.....	111 2 6	.....	111 2 6
Difference between the Book Value and the Sale Proceeds of certain Unserviceable Stores of the Water Works written off	.....	6,557 9 0	.....	.....	.....	.....	6,557 9 0	.....	6,557 9 0
Miscellaneous—Carried over .. Rs.	78,000 0 0	19,893 13 11	.....	2,563 11 1	3,600 0 0	.....	1,04,057 9 0	.....	1,04,057 9 0
Carried over..Rs.	52,25,724 0 0	2,34,087 0 9	1,29,956 7 5	2,06,580 11 4	1,13,109 6 4	1,16,970 6 4	57,92,487 3 6	96,349 11 7	56,96,137 7 11

Appendix No. 4—*concluded.*

Particulars.	Original Grants sanctioned by the Corporation as per Section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for 1902-1903, and previous years required for Expenditure in 1904-05 and of Transfers sanctioned in 1903-04 but not utilized in that year.	Lapsed Grants for 1903-1904 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 133 (1) b & c and 2.	Deduct Transfers as per Section 133 (1) a & c.	Total.	Less anticipated Savings as per Revised Estimates of expenditure for 1904-05.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ..Rs.	22,25,724 0 0	2,34,087 0 9	1,29,958 7 5	2,06,580 11 4	1,13,109 6 4	1,16,970 6 4	57,92,487 3 6	96,249 11 7	56,96,237 7 11
Miscellaneous—Brought forward..	78,000 0 0	19,893 13 11	.....	2,563 11 1	3,600 0 0	.....	1,04,057 9 0	....	1,04,057 9 0
Cost of illuminating the address presented by the Corporation to the Right Honble Baron Curzon of Kedleston, Viceroy Designate of India, on his arrival in India, and of a silver casket to contain the address	.....	1,000 0 0	.....	.....	.....	.....	1,000 0 0	....	1,000 0 0
Cost of a Shilgram purchased for the removal of Lepers from the city to the Leper Asylum at Matunga	.....	475 0 0	.....	.....	.....	.....	475 0 0	....	475 0 0
Expenses of Health Exhibition held under the auspices of the Bombay Sanitary Association....	.....	5,000 0 0	.....	.....	.....	.....	5,000 0 0	....	5,000 0 0
Total Rs.	78,000 0 0	26,368 13 11	.....	2,563 11 1	3,600 0 0	.....	1,10,532 9 0	....	1,10,532 9 0
Contribution to the City Improvement Trust under Section 72 (1) and 73 (3) of the Act of 1898	4,25,000 0 0	.....	.....	.....	.....	.....	4,25,000 0 0	2,25,000 0 0	2,00,000 0 0
Plague Expenses—	2,50,000 0 0	.....	.....	.....	.....	.....	2,50,000 0 0	50,000 0 0	2,00,000 0 0
Municipal Debt—									
Interest on Loans .. .. (a)	21,73,656 14 8	.....	46,458 9 7	1,07,732 8 0	.....	.....	23,27,848 0 3	3,671 15 8	23,24,226 0 7
Charges on Loans	9,099 0 0	.....	.....	.....	261 0 0	.....	9,360 0 0	91 2 0	9,268 14 0
Payment towards the Reduction of Debt ..... (b)	92,024 1 4	.....	500 0 0	2,009 0 0	.....	.....	94,534 1 4	....	94,534 1 4
Payment towards the Investment of Sinking Fund.....	3,97,150 0 0	.....	.....	.....	.....	.....	3,97,150 0 0	....	3,97,150 0 0
Payment towards the Investment of Interest accrued on Sinking Funds	2,23,100 0 0	.....	.....	.....	.....	.....	2,23,100 0 0	36 14 4	2,23,063 1 8
Total Rs.	28,53,100 0 0	.....	46,958 9 7	1,09,732 8 0	261 0 0	.....	30,52,032 1 7	3,750 0 0	30,48,282 1 7
Investments—									
Municipal Buildings Fire Insurance Fund	5,000 0 0	.....	.....	.....	.....	.....	5,000 0 0	....	5,000 0 0
Interest realized on Fire Insurance Fund	3,000 0 0	95 2 1	.....	.....	.....	.....	3,095 2 1	....	3,095 2 1
Interest realized on Worn-out Water Mains Renewal Fund....	21,700 0 0	612 1 6	.....	.....	.....	.....	22,312 1 6	....	22,312 1 6
Interest realized on Net Premia Fund	2,000 0 0	789 13 1	.....	.....	.....	.....	2,789 13 1	....	2,789 13 1
School Building Fund	2,200 0 0	2 1 5	.....	.....	.....	.....	2,202 1 5	....	2,202 1 5
Total Rs.	33,900 0 0	1,493 2 1	.....	.....	.....	.....	35,399 2 1	....	35,399 2 1
Investment of Net Premia received on the 12½ Lakhs Loan..	.....	36,169 11 11	.....	.....	.....	.....	36,169 11 11	....	36,169 11 11
Total Rs.	33,900 0 0	37,663 14 0	.....	.....	.....	.....	71,568 14 0	....	71,568 14 0
Grand Total..Rs.	32,07,724 0 0	2,98,124 12 8	1,76,915 1 0	3,18,876 14 5	1,16,970 6 4	1,16,970 6 4	37,01,840 12 1	3,74,999 11 7	33,26,841 0 6
			4,95,791 15 5						

(a) Includes Rs. 37,381 14 8 on account of the Vehar Debt instead of Rs. 97,670 12 3 as shown in the Budget for 1904-1905.
(b) Do. „ 16,394 1 4 do. do. „ 16,305 3 9 do. do.
Rs. 1,13,976 0 0 Rs. 1,13,976 0 0

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 5.

EXPENDITURE.

STATEMENT showing the Actuals as compared with the Final Sanctioned Grants for 1904-05 as per Appendix No. 4 and the Actuals of the preceding year.

PARTICULARS.	Actuals for 1903-04.	Final Sanctioned Grants for expenditure during 1904-05 as per Appendix No. 4.	Actuals for 1904-05.	As compared with the Final Sanctioned Grants as per column No. 3.		Amount proposed to be renewed in 1905-06 out of savings as per column No. 6.	Net savings.	As compared with the Actuals for 1903-1904 as per column No. 2.	
				More.	Less.			More.	Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
GENERAL SUPERINTENDENCE—									
Corporation and Standing Committee's Establishment ..	60,615 5 1	60,398 1 0	60,271 0 5	.....	127 0 7	15 1 5	111 15 2	.....	344 4 8
Municipal Commissioner's Personal Office Establishment ..	56,619 1 0	61,876 5 7	59,462 10 0	.....	2,413 11 7	.....	2,413 11 7	2,813 9 0	.....
General Office Establishment	51,224 7 7	52,582 1 9	44,508 6 8	.....	10,713 11 1	2,695 5 2	1,108 5 11	.....	6,256 0 11
Accounts and Expenditure Audit Establishment..	65,580 4 4	64,776 2 2	64,613 4 9	.....	161 13 5	51 7 11	110 5 6	.....	966 15 7
	2,34,039 2 0	2,42,731 10 6	2,29,315 5 10	.....	13,416 4 8	2,871 14 6	3,744 0 2	2,813 9 0	7,567 5 2
ASSESSMENT AND COLLECTION DEPARTMENT—									
Property and Wheel Tax Establishment	1,57,425 7 1	1,63,357 4 4	1,59,868 14 11	.....	3,490 5 5	3,486 13 9	3 7 8	2,441 7 10	.....
Town Duty Collection	83,128 0 1	1,03,964 5 8	1,00,012 11 5	.....	3,951 10 1	16 13 0	3,934 13 1	17,884 11 4	.....
Tolls Collection..	1,368 9 8	621 0 0	555 3 0	.....	65 13 4	47 8 0	18 5 0	.....	813 6 8
Licensing Establishment ..	27,723 7 7	31,018 9 0	29,518 6 11	.....	1,500 2 1	1,357 13 4	142 4 9	1,494 15 4	.....
Revenue and Refund Audit Establishment..	80,813 14 8	28,379 5 8	28,363 14 0	.....	115 7 8	57 1 7	58 6 1	.....	2,450-0 8
	2,99,459 7 1	3,27,440 8 0	3,18,017 2 3	.....	9,423 6 3	4,966 1 8	4,457 4 7	21,821 2 6	3,263 7 4
FIRE BRIGADE	1,24,118 9 7	1,42,225 4 1	1,34,282 4 7	.....	8,042 15 6	5,841 9 7	2,201 5 11	10,163 11 0	.....
MAINTENANCE OF PUBLIC GARDENS—									
Victoria Gardens { Maintenance ..	62,305 8 8	60,955 15 3	62,100 12 11	.....	7,455 1 4	6,510 3 9	944 13 7	.....	204 5 9
Victoria Gardens { New Works ..	1,228 9 11	.....	.....	.....	.....	.....	.....	.....	1,228 9 11
Elphinstone Circle Garden ..	998 0 3	1,389 10 0	1,021 9 8	.....	368 7 4	11 5 2	357 2 1	23 2 5	.....
Falkland Road Garden	281 10 3	421 14 0	224 14 4	.....	196 15 8	.....	196 15 8	.....	56 11 11
Northbrook Garden	284 11 1	1,521 0 3	962 7 5	.....	558 9 3	.....	558 9 3	.....	22 3 8
Sir C. Jehangir Mahim Garden ..	385 0 2	583 4 3	448 5 11	.....	134 14 4	.....	134 14 4	63 5 9	.....
Bazaar Gate Street Garden ..	483 10 8	740 0 0	506 6 11	.....	233 9 1	138 0 0	145 9 1	20 12 3	.....
Dick's Tank Garden	293 7 3	387 11 3	212 13 3	.....	144 15 0	.....	144 15 0	39 4 6	.....
Malabar Hill Garden	869 7 0	892 0 0	584 5 11	.....	7 10 1	.....	7 10 1	14 14 11	.....
	67,421 12 1	75,251 7 5	66,191 5 4	.....	9,160 2 1	6,659 9 0	2,500 9 1	161 7 10	1,491 15 3
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—									
I. GENERAL SUPERVISION AND MISCELLANEOUS DUTIES.	60,710 0 0	58,706 14 3	57,966 4 3	.....	740 9 7	87 12 4	652 13 3	.....	2,743 11 4
II. DRAINAGE—									
A. Miscellaneous Drainage ..	1,31,963 2 3	1,94,241 14 1	1,66,168 3 10	.....	28,073 10 3	7,556 14 4	20,516 11 11	34,205 1 7	.....
B. Maintenance of Low-Grove Pumping Station..	1,04,788 4 6	1,10,288 6 3	1,08,115 6 3	.....	2,173 0 0	2,173 0 0	.....	3,347 1 9	.....
C. Do. of Sluices ..	3,371 12 3	2,946 10 11	2,878 5 0	.....	668 5 11	.....	668 5 11	.....	336 7 3
D. Do. of Pumping Station, Colaba (Shone System).	25,883 4 6	24,226 13 4	23,442 15 3	.....	783 14 1	.....	783 14 1	.....	2,440 5 3
E. Air Compressor Station at Love Grove (Shone System).	32,719 14 5	40,039 6 11	39,555 2 3	.....	1,084 4 8	106 11 0	977 9 8	6,835 8 10	.....
III. WATER WORKS MAINTENANCE	2,24,871 14 0	2,94,284 7 2	2,40,289 11 6	6,254 14 1	60,239 9 9	52,126 14 8	2,507 13 0	15,417 13 6	.....
IV. STREETS AND BUILDINGS—									
A. Inspection and Supervision.	83,156 14 9	88,482 10 6	85,947 10 0	.....	535 0 8	253 14 0	281 2 8	2,790 11 3	.....
B. Public Lighting.. ..	2,70,118 7 9	2,78,474 12 8	2,75,537 5 8	.....	2,937 8 0	500 0 0	2,437 8 0	5,418 13 11	.....
C. Road Watering	72,466 7 8	81,287 2 2	68,026 8 3	.....	13,260 9 11	12,111 5 7	1,149 4 4	.....	4,439 15 6
C1. Oiling and Tarring Roads and treating roads with Westrumite (Experimentally)	.....	13,950 0 0	6,392 0 11	.....	7,557 15 1	5,937 15 1	1,650 0 0	6,392 0 11	.....
D. Roads, Footpaths, &c. ..	4,19,459 7 5	4,58,762 6 1	4,23,463 4 6	.....	35,298 1 7	20,217 3 11	11,091 13 8	9,003 13 1	.....
E. Street Improvement ..	1,13,420 11 1	2,05,083 10 5	1,47,255 10 10	.....	57,747 15 7	57,747 15 7	.....	33,834 15 9	.....
F. Miscellaneous (Compensation for Insanitary Buildings demolished) ..	359 12 8	11,520 0 0	1,229 2 11	.. ..	10,290 13 1	6,689 0 0	3,701 13 1	869 6 3	.....
V. CLEANING, LIGHTING AND REPAIRING PORT TRUST WHARVES, ROADS, &c..	38,642 0 0	42,084 13 4	42,084 13 4	.....	.....	.....	.....	3,442 13 4	.....
VI. SANITARY REMOVAL AND DISPOSAL OF TOWN SWEEPINGS	.....	1,09,959 0 0	98,849 12 3	.....	11,109 3 9	6,346 10 3	4,753 9 6	98,849 12 3	.....
	18,81,915 1 4	20,15,190 1 1	17,92,302 5 5	6,254 14 1	2,29,242 9 9	1,71,715 4 2	57,172 6 11	2,20,407 11 5	10,020 7 4
NEW WORKS	63,846 0 10	1,32,007 9 7	82,736 14 10	.....	93,270 10 9	75,079 2 5	18,191 8 4	4,890 14 0	.....
PUBLIC HEALTH DEPARTMENT—									
I. General Supervision ..	92,792 8 1	99,822 12 6	97,669 14 8	.....	2,153 13 10	506 12 4	1,647 1 6	4,877 6 7	.....
II. Conservancy Branch ..	15,41,393 1 1	15,17,382 11 11	14,23,362 7 0	.....	94,570 4 11	63,089 9 7	31,480 11 4	.....	1,18,030 10 1
III. Markets and Slaughter-houses.	1,62,745 8 11	1,47,813 9 11	1,26,649 10 4	.....	11,163 15 7	4,810 13 2	6,353 2 4	.....	16,095 14 7
IV. Registration of Births and Deaths	86,026 12 3	89,328 0 0	88,135 10 7	.....	1,192 5 5	150 0 0	1,042 5 5	2,108 14 4	.....
V. Cemeteries	9,196 15 4	12,072 7 6	9,063 3 7	.....	3,009 1 11	228 0 2	2,781 1 9	.....	133 9 9
PUBLIC HEALTH DEPT. Carried forward Rs. ..	18,92,154 13 8	18,66,370 9 10	17,54,881 0 2	.....	1,12,089 9 8	68,785 3 4	43,304 6 4	6,986 4 11	1,34,260 2 5
Carried forward Rs. ..	23,90,830 1 7	29,86,845 9 2	26,28,745 6 3	6,254 14 1	3,63,156 1 0	2,73,933 10 0	89,367 9 11	2,60,258 7 9	22,342 3 1

Appendix No. 5—*continued.*

PARTICULARS.	Actuals for 1903-04.	Final Sanctioned Grants for expenditure during 1904-05 as per Appendix No. 4.	Actuals for 1904-05.	As compared with the Final Sanctioned Grants as per column No. 3.		Amount proposed to be renewed in 1905-06 out of savings as per column No. 6.	Net savings.	As compared with the Actuals for 1903-04 as per column No. 2.	
				More.	Less.			More.	Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward .. Rs.	23,90,810 1 7	29,85,346 9 2	28,23,743 6 3	6,354 14 1	3,63,156 1 0	2,73,933 10 0	82,867 8 11	2,60,258 4 9	22,343 3 1
PUBLIC HEALTH DEPT. Brought forward Rs. ..	18,89,154 13 8	18,06,970 9 10	17,54,881 0 2	.....	1,12,089 9 8	68,785 3 4	43,304 6 4	6,986 4 11	1,34,260 2 5
VI. Mahalaxmi Dhobiwada ..	14,794 10 2	15,995 0 0	15,922 11 4	.....	72 4 8	.....	72 4 8	1,128 1 2	.....
VII. Milch-cattle Stables and Rooms	6,113 15 6	7,734 12 4	7,077 13 8	.....	646 14 8	124 10 0	522 4 8	963 14 2	.....
VIII. Tank Conservancy ..	5,364 4 1	5,886 9 2	5,376 14 5	.....	509 10 9	.....	509 10 9	12 10 4	.....
IX. Rustomjee Jamsedjee Dharamsala, Falkland Road.	201 1 7	325 0 0	209 4 11	.....	125 11 1	19 2 8	106 8 5	.....	91 12 8
X. Laboratory	8,736 13 7	7,724 0 0	6,398 9 11	.....	1,325 6 1	72 13 1	1,252 9 0	.....	2,338 3 8
XI. Infectious Diseases ..	45,058 15 9	44,693 0 0	39,490 11 5	.....	5,202 4 7	3,181 12 6	2,020 8 1	.....	5,568 4 4
XII. Vaccination (Contribution to Government)	16,849 2 3	17,702 0 0	17,044 6 3	.....	657 9 9	.....	657 9 9	195 4 0	.....
	19,79,373 13 7	19,87,030 15 4	18,46,401 8 1	.....	1,20,629 7 3	72,183 9 7	48,445 13 8	9,286 2 7	1,42,258 7 1
POLICE CHARGES—									
Municipal Contribution	5,00,000 0 0	5,05,441 5 1	5,00,000 0 0	.....	5,441 5 1	1,467 0 0	3,974 5 1	.....	.....
Alterations to the three rooms belonging to the Municipality at the back of the Pydhoni Police Station	331 6 0	1,002 10 0	677 7 1	.....	325 2 11	.....	325 2 11	236 1 1	.....
Paving the floor of the Bazar Gate Police Station and removing the ceiling and cornice thereof and whitewashing the space thus opened	.....	365 2 1	365 2 1	.....	.....	... ..	.....	365 2 1	.....
Making certain improvements to the staircase railing of the Mahar-wadi Police Station	.....	32 13 3	32 13 3	.....	.....	.....	... ..	32 13 3	.....
	5,00,331 6 0	5,06,841 14 5	5,01,075 6 5	.....	5,766 8 0	1,467 0 0	4,299 8 0	634 0 5	.....
GENERAL STORES ESTABLISHMENT—	.....	17,028 1 0	15,904 5 10	.....	1,123 11 2	123 1 3	1,000 9 0	16,904 5 10	.....
EDUCATION—									
Primary Education	80,000 0 0	1,24,224 0 0	1,24,224 0 0	.....	.....	.....	.....	44,224 0 0	.....
School for Deaf and Dumb Mutes.	1,800 0 0	1,800 0 0	1,800 0 0	.....	.....	.....	.....	.....	.....
Veterinary College	2,500 0 0	2,500 0 0	2,500 0 0	.....	.....	.....	.....	.....	.....
Victoria and Albert Museum ..	9,820 1 6	12,188 0 0	9,190 13 8	.....	2,997 2 4	2,320 10 10	676 7 6	.....	629 3 10
Victoria Jubilee Technical Institute	10,000 0 0	10,000 0 0	10,000 0 0	.....	.....	.....	.....	.....	.....
Joint Schools Committee's Establishment	8,737 9 9	9,558 0 0	9,543 1 7	.....	19 14 5	.....	19 14 5	810 7 10	.....
Victoria Memorial School ..	.....	2,500 0 0	2,500 0 0	.....	.....	.....	.....	2,500 0 0	.....
	1,12,857 11 3	1,62,780 0 0	1,59,762 15 3	.....	3,017 0 9	2,320 10 1	696 5 11	47,534 7 10	629 3 10
	.....	.....	.....	.....	.....	.....	.....	.....	.....
HOSPITALS—									
Goculdas Tejpal Hospital ..	33,626 3 1	36,000 0 0	36,000 0 0	.....	.....	.....	.....	2,374 12 11	.....
Jaffer Sulemans Dispensary	3,000 0 0	3,000 0 0	3,000 0 0	.....	.....	.....	.....	.....	.....
Homeless Leper Asylum at Matunga	18,000 0 0	18,000 0 0	18,000 0 0	.....	.....	.....	.....	.....	.....
	54,626 3 1	57,000 0 0	57,000 0 0	.....	.....	.....	.....	2,374 12 11	.....
MISCELLANEOUS—									
Pensions, Gratuities and Compassionate Allowances ..	57,486 13 11	78,102 13 6	74,334 3 7	.....	3,768 9 11	2,809 2 4	1,459 7 7	16,847 5 8	.....
Discretional Contingencies ..	6,897 14 2	7,026 0 0	2,823 12 0	.....	4,202 4 0	811 2 0	3,391 2 0	.....	4,074 2 2
Auditors' Allowance	9,750 0 0	11,250 0 0	11,250 0 0	.....	.....	.....	.....	1,500 0 0	.....
Election Expenses	2,955 0 3	1,000 0 0	809 1 1	.....	190 14 11	190 14 11	.....	.....	2,145 13 2
Cost of illuminating the address and of a casket sent to His Most Gracious Majesty King Edward VII on the occasion of His Majesty's Coronation..	10 0 0	.....	.....	.....	.....	.....	.....	.....	10 0 0
Purchase of 3 sets of survey sheets.	465 0 0	.....	.....	.....	.....	.....	.....	.....	465 0 0
Loss on account of Private Works irrecoverable bills written off ..	31 12 4	.....	.....	.....	.....	.....	.....	.....	31 12 4
Cost of illuminating the address of welcome presented by the Corporation to the Right Honourable Baron Lamington on his arrival in Bombay and of a silver casket to hold the address	725 0 0	.....	.....	.....	.....	.....	.....	.....	725 0 0
Contribution towards the cost of Coronation Celebrations held in Bombay in 1903 ..	Cr. 3,620 0 2	.....	.....	.....	.....	.....	.....	3,620 0 2	.....
Purchase of a shigram for carrying Lepers to the Asylum at Matunga.	.....	475 0 0	475 0 0	.....	.....	.....	.....	475 0 0	.....
Cost of engrossing and illuminating the address of welcome presented to the Right Honourable Baron Curzon of Kedleston, Viceroy Designate of India on his arrival in Bombay and of a silver casket to contain the same	.....	1,000 0 0	999 5 0	.....	0 11 0	.....	0 11 0	999 5 0	.....
MISCELLANEOUS—Carried over Rs.	80,711 8 6	98,853 13 6	90,691 5 8	.....	8,172 7 10	3,811 3 3	4,861 4 7	24,441 10 10	14,461 13 8
Carried over Rs. ..	30,38,068 2 6	37,95,101 5 5	32,08,839 9 10	6,354 14 1	4,93,702 12 2	2,80,038 0 1	1,37,309 14 0	3,76,052 5 4	1,65,230 14 0

Appendix No. 5—*concluded.*

Particulars.	Actuals for 1903-1904.	Final Sanctioned Grants for expenditure during 1904-05 as per Appendix No. 4.	Actuals for 1904-05.	As compared with the Final Sanctioned Grants as per column No. 3.		Amount proposed to be renewed in 1905-06 out of savings as per column No. 6.	Net savings.	As compared with the Actuals for 1903-04 as per column No. 2.	
				More.	Less.			More.	Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ..	50,34,048 2 6	57,95,101 5 5	52,98,889 9 10	6,554 14 1	4,97,712 12 2	3,50,028 0 1	1,37,309 14 0	3,36,052 5 4	1,65,230 14 0
Miscellaneous Brought forward Rs.	80,711 8 6	98,863 13 6	90,691 5 8	.....	8,172 7 10	3,311 3 3	4,861 4 7	24,441 10 10	14,461 13 8
Expenses towards the Health Exhibition under the auspices of the Bombay Sanitary Association.	.....	5,000 0 0	5,000 0 0	.....	.....	.....	.....	5,000 0 0	.....
Difference between the Book Value and the Sale Proceeds of certain unserviceable Stores of the Drainage Department written off ..	.....	111 2 6	.....	.....	111 2 6	.....	111 2 6	.....	.....
Difference between the Book Value and the Sale Proceeds of certain unserviceable stores of the Water Works Department written off	.....	6,557 9 0	.....	.....	6,557 9 0	.....	6,557 9 0	.....	.....
	80,711 8 6	1,10,532 9 0	95,691 5 8	.....	14,841 3 4	3,311 3 3	11,530 0 1	29,441 10 10	14,461 13 8
Contribution to the City Improvement Trust	3,50,000 0 0	2,00,000 0 0	2,00,000 0 0	.....	.....	.....	.....	.....	1,50,000 0 0
Plague Expenses	.....	2,00,000 0 0	1,81,919 6 8	.....	18,080 9 4	8,750 0 0	9,330 9 4	1,81,919 6 8	.....
Municipal Debt—									
Interest on Loans	22,34,177 0 7	23,21,236 0 7	21,23,414 15 7	.....	2,00,811 1 0	2,00,811 1 0	.....	.....	1,10,762 1 0
Charges on Loans	8,940 2 10	9,268 14 0	9,268 14 0	.....	.....	....	.....	288 11 2	.....
Payment towards the reduction of Debt	1,10,404 10 10	94,594 1 4	82,594 1 4	.....	12,000 0 0	12,000 0 0	.....	.....	27,810 9 6
Payment towards the investment of interest accrued on Sinking Fund	1,24,351 14 3	2,23,953 1 8	2,21,133 7 7	.....	1,927 10 1	.....	1,927 10 1	28,783 8 2	.....
Payments towards the investment of Sinking Fund	3,70,650 0 0	3,97,150 0 0	3,97,150 0 0	.....	.....	.....	.....	26,500 0 0	.....
	29,18,523 12 8	30,48,202 1 7	28,33,563 6 6	.....	214,738 11 1	2,12,811 1 0	1,927 10 1	53,572 4 4	1,38,572 10 6
Investments—									
Municipal Buildings Fire Insurance Fund	5,000 0 0	5,000 0 0	5,000 0 0	.....	.....	.....	.....	.....	.....
Interest realized on Fire Insurance Fund	2,793 0 1	3,095 2 1	3,095 2 1	.....	.....	.....	.....	302 2 0	.....
Interest realized on the Net Premia, &c., Fund	1,944 0 0	2,789 13 1	2,789 13 1	.....	.....	.....	.....	845 13 1	.....
Interest realized on Worn-out Water Mains Renewal Fund ..	21,418 3 7	22,312 1 6	22,312 1 6	.....	.....	.....	.....	893 13 11	.....
Interest realized on School Building Fund	2,111 13 4	2,202 1 5	2,202 1 5	.....	.....	.....	.....	90 4 1	.....
	33,268 1 0	35,399 2 1	35,399 2 1	.....	.....	.....	.....	2,134 1 1	.....
Investment of Net Premia received on the 12½ Lakhs Loan raised in 1904-05	*10,781 4 0	36,169 11 11	36,154 11 11	.....	15 0 0	.....	15 0 0	25,373 7 11	.....
Grand Total Rs. ..	84,31,389 12 8	92,23,641 0 6	85,91,017 10 8	6,554 14 1	7,41,378 3 11	5,74,910 4 4	1,60,113 1 6	6,28,493 4 2	4,68,265 6 2
				Less ..Rs.	6,554 14 1		*Less* ..Rs.	4,68,265 6 2	
				Net Balance Rs.	7,35,023 5 10		*Net Increase* Rs.	1,60,227 14 0	

* This amount represents the investment of the Net Premia received on the last instalment of Rs. 3¾ Lakhs of the 24¾ Lakhs Loan raised in 1903-04.

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

SURPLUS

Statement showing the state of the Surplus Cash

DR.

	Rs. a. p.	Rs. a. p.
To		
Sums Payable—		
Deposits, &c., in cash	4,63,321 13 4	
Do. on account of Contractors' Government Paper kept in office...	11,600 0 0	
Government of Bombay on account of Income Tax	147 0 6	
Cheques payable	77,420 8 3	
Loan Works Establishment	17,869 15 8	
Contribution from the G. I. P. Railway towards the cost of removal of the 32" Vehar main from within the Railway Limits and relaying the same	580 3 4	5,70,959 8 1
Reserve Stock per-Contra		7,85,715 3 2
Amount to be renewed in 1905-1906 for unpaid charges for and prior to 1904-1905		5,74,910 4 4
Stock Adjustment Account	9,916 4 2	
Reserve Stock, Purchases	77,396 12 4	86,313 0 6
		20,17,878 0 1
Balance at the close of the year 1904-1905—		
Minimum Cash Balance required by the Act	1,00,000 0 0	
SURPLUS CASH BALANCE	‡ 23,01,823 7 1	24,01,823 7 1
	Total Rs....	44,19,701 7 2

‡ In regard to this surplus particular attention is drawn

W. E. WAITE,
Chief Accountant.

No. 6.

CASH BALANCE.

Balance at the close of the year 1904-1905.

Cr.

| | | |

Appendix No. 6-A.

Statement showing (1) the Expenditure on Loan Works, (2) the amounts invested on account of Loan Funds and (3) the amount drawn from Loan Funds at 31st March 1905.

	Amount of Loan raised.	Amount invested.	Amount withdrawn.	Amount expended.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
DRAINAGE AND WATER WORKS (Rs. 26,94,000) LOAN OF 1878—				
Drainage, 1st Section	26,94,000	.....	26,94,000 0 0	16,52,449 12 9*a*
Water Works (Bhandarwada)				10,16,830 13 3
	26,94,000	.....	26,94,000 0 0	26,69,280 10 0
SURFACE DRAINAGE WORKS	6,00,000	.....	6,00,000 0 0	6,00,000 0 0
SANITARY WORKS (44 LAKHS) LOAN—				
Surface Drainage Works (Rs. 13,22,134-3-3— Rs. 6,00,000)	44,00,000	.....	44,00,000 0 0	7,22,134 3 3
Drainage (1883-84)				10,74,951 2 9*b*
Do. (1884)				4,01,089 11 5
Ripon Road				1,41,500 1 2
Other Sanitary Works...				87,110 9 6
Water Works				18,95,947 12 0
	44,00,000	.....	44,00,000 0 0	43,22,724 7 4
SANITARY WORKS (7 LAKHS) LOAN—				
Fort Drainage, &c.	7,00,000	.....	7,00,000 0 0	4,62,337 0 0
Water Works				1,42,241 5 4
	7,00,000	.....	7,00,000 0 0	6,04,578 5 4
DRAINAGE AND WATER WORKS (12 LAKHS) LOAN—				
Queen's Road Sewerage, &c.	12,00,000	.....	12,00,000 0 0	9,01,437 3 2
Water Works (Frere Road Main)				80,031 5 0
	12,00,000	.....	12,00,000 0 0	9,81,468 8 2
MISCELLANEOUS WORKS (10,08,500) LOAN—				
Drainage Works	10,08,500	.....	10,08,500 0 0	58,396 14 10
Cross Road at Mahaluxmee Station				19,794 4 8
Nowrojee Hill Road				70,089 2 0
Markets (Erskine Road, &c.)...				4,86,906 2 8
Water Works				1,16,214 3 2
	10,08,500	.....	10,08,500 0 0	7,51,200 11 4
HOUSE SULLAGE WATER CONNECTIONS, AGRIPADA (Rs. 2,48,000) LOAN	2,48,000	.....	2,48,000 0 0	2,33,533 12 10
VARIOUS SANITARY WORKS (35 LAKHS) LOAN—				
Drainage	35,00,000	.....	35,00,000 0 0	13,864 7 3
New Roads at Agripada and elsewhere ...				15,26,679 2 9
Bhuleshwar Market Extension and Foras Road Market...				3,72,835 15 1
Other Works				3,83,312 15 7
Water Works				8,72,574 9 10
	35,00,000	.....	35,00,000 0 0	31,69,267 2 6
TANSA WATER WORKS (147 LAKHS) LOAN ...	1,47,00,000	.....	1,47,00,000 0 0	1,46,96,383 7 0
MUNICIPAL BUILDING (INCLUDING FURNITURE, &C.) (8 LAKHS) LOAN	8,00,000	.....	8,00,000 0 0	* 7,33,060 3 0
FIRE BRIGADE QUARTERS, &C. (4½ LAKHS) LOAN	4,50,000	.....	4,50,000 0 0	4,03,320 6 1
Carried over ... Rs.	3,03,00,500	.....	3,03,00,500 0 0	2,91,64,817 9 7

* Excluding Rs. 7,34,326-8-3 paid out of the Invested Fund.

a. Excluding Rs. 1,94,031-13-3 written off in 1902-03 on account of properties not then existing.

b. Do. Rs. 98,438-1-9 do. do. do. do.

No. 6-A—*concluded.*

	Amount of Loan raised.	Amount invested.	Amount withdrawn.	Amount expended.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ... Rs.	3,03,00,500	.....	3,03,00,500 0 0	2,91,64,817 9 7
23¼ LAKHS DRAINAGE, WATER WORKS, ROADS AND OTHER WORKS LOAN—				
Drainage				17,44,602 15 5
Falkland Road Overbridge				15,082 9 4
Wari Bunder Bridge	23,25,000	.....	23,25,000 0 0	1,32,652 0 0
Other Works				5,890 14 1
Water Works				1,49,522 5 7
	23,25,000	.....	23,25,000 0 0	20,47,750 12 5
15¾ LAKHS SEWERAGE, WARI BUNDER, &C., ROADS, BURIAL GROUND AND CERTAIN WATER WORKS LOAN—				
Drainage...				5,62,077 1 0
Wari Bunder and Victoria Roads, less Rs. 1,56,500 contributed by the Port Trust for Wari Bunder Road	15,75,000	.....	15,75,000 0 0	1,60,232 2 11
Burial Ground				2,11,652 4 5
Water Works				12,530 0 0
	15,75,000	.....	15,75,000 0 0	9,56,491 8 4
25 LAKHS LOAN FOR SEWERAGE, &C., WORKS—				
Drainage				11,24,376 12 7
Water Works	25,00,000	99,960 0 0	24,00,040 0 0	1,124 5 0
Disposal of Town Sweepings and Land for Burial Ground				11,33,349 0 0
	25,00,000	99,960 0 0	24,00,040 0 0	22,58,850 1 7
19¼ LAKHS LOAN FOR SEWERAGE, ROADS, &C., WORKS—				
Drainage				10,44,687 1 0
Purchase of Land for Burning and Burial Grounds	19,25,000	1,66,772 5 5	17,58,227 10 7	81,143 4 5
	19,25,000	1,66,772 5 5	17,58,227 10 7	11,25,830 5 5
24¾ LAKHS LOAN FOR SEWERAGE AND WATER WORKS—				
Drainage	24,75,000	2,68,403 7 0	22,06,596 9 0	11,35,310 0 4
12¾ LAKHS LOAN FOR WATER WORKS—				
Water Works	12,75,000	10,25,000 0 0	2,50,000 0 0	1,72,661 7 4
EXECUTED OUT OF SAVINGS ON DIFFERENT LOANS—				
Drainage	.....	.....	.....	5,71,994 10 2
Water Works	.....	.....	.....	2,53,093 15 2
Markets	.....	.....	.....	43,875 5 10
Roads, &c.	.....	.....	.....	92,498 13 3
Miscellaneous Works	.....	.....	.....	2,08,649 1 1
	.....	.....	.....	11,69,521 13 6
ADVANCES FROM SURPLUS BALANCES—				
Drainage	.....	.....	.....	1,92,353 2 2
Water Works	.....	.....	.....	.....
Roads and Overbridges	.....	.....	.....	76,518 11 1
Other Works	.....	.....	.....	4,268 4 10
	.....	.....	.....	2,73,140 2 1
LOAN FOR PLAGUE EXPENSES—				
Plague Expenses incurred from 1896-97 to 1903-1904 (deducting Rs. 14½ lakhs met from the Government Contribution) ...	20,00,000	.....	20,00,000 0 0	45,14,190 7 0
GRAND TOTAL ... Rs.	4,43,75,500	15,60,135 12 5	4,28,15,364 3 7	4,28,15,364 3 7

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

STATEMENT of Outstanding Loans due by the Municipality and

	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1904.	Amount raised in 1904-05.	Total.	Amount repaid in 1904-05.	Balance due on 31st March 1905.
	1	2	3	4	5	6	7
	Loans raised from Government.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Vehar Water Works Debt	4 per cent....	24,42,355 15 5	.....	24,42,355 15 5	16,594 1 4	24,25,761 14 1
	Loans raised from the Public.						
2	Drainage Loan of 1878 (Rs. 26,94,000) ...	5 per cent....	16,32,500 0 0	.....	16,32,500 0 0	(a) 66,000 0 0	15,66,500 0 0
3	The Sanitary Works Loan of 1885-86 (Rs. 44 Lakhs)...	5 per cent....	37,39,000 0 0	.....	37,39,000 0 0	(b)	37,39,000 0 0
4	Do. do. of 1888 (Rs. 7 Lakhs)...	5 per cent....	7,00,000 0 0	.....	7,00,000 0 0	(b)	7,00,000 0 0
5	The Tansa Water Works Loan (Rs. 147 Lakhs)...	5 per cent....	1,47,00,000 0 0	.....	1,47,00,000 0 0	(b)	1,47,00,000 0 0
6	The Drainage and Water Works Loan of 1888 (Rs. 12 Lakhs)	5 per cent....	12,00,000 0 0	.....	12,00,000 0 0	(b)	12,00,000 0 0
7	The Miscellaneous Works Loan of 1888-89 (Drainage and Water Works, Markets and Roads) of Rs. 10,08,500	5 per cent....	10,08,500 0 0	.....	10,08,500 0 0	(b)	10,08,500 0 0
8	The Agripada House Sullage Water Connections Loan of 1889-90 of Rs. 2,48,000 ...	5 per cent....	2,48,000 0 0	.....	2,48,000 0 0	(b)	2,48,000 0 0
9	35 Lakhs Various Sanitary Works Loan of 1890-91	5 per cent...	35,00,000 0 0	.....	35,00,000 0 0	(b)	35,00,000 0 0
10	The Municipal Building Loan of 1891 (Rs. 8 Lakhs)...	5 per cent....	8,00,000 0 0	.....	8,00,000 0 0	(b)	8,00,000 0 0
11	The Loan of 4½ Lakhs for Fire Brigade Quarters and Stations	4 per cent....	4,50,000 0 0	.....	4,50,000 0 0	(b)	4,50,000 0 0
12	The Loan of 42 Lakhs for repayment of the Balance of the 4½ per cent. of the Government Consolidated Loan	4 per cent....	42,00,000 0 0	.....	42,00,000 0 0	(b)	42,00,000 0 0
13	The Loan of 23½ Lakhs for Drainage and other Works	4 per cent....	23,25,000 0 0	.....	23,25,000 0 0	(b)	23,25,000 0 0
14	The Loan of 15¾ Lakhs for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment of Rs. 10 Lakhs)...	3½ per cent...	15,75,000 0 0	.....	15,75,000 0 0	(b)	15,75,000 0 0
	Do. do. (2nd instalment of Rs. 5¾ Lakhs)...	4 per cent....					
15	25 Lakhs Loan for Sewerage and other Sanitary Works	4 per cent....	25,00,000 0 0	.....	25,00,000 0 0	(b)	25,00,000 0 0
16	20 Lakhs Permanent Loan for Plague purposes	4 per cent....	20,00,000 0 0	.....	20,00,000 0 0	(b)	20,00,000 0 0
17	19½ Lakhs Loan for Sewerage, Roads and other Sanitary Works	4 per cent....	19,25,000 0 0	.....	19,25,000 0 0	(b)	19,25,000 0 0
18	24¾ Lakhs Loan for certain Sewerage and Water Works	4 per cent...	24,75,000 0 0	.....	24,75,000 0 0	(b)	24,75,000 0 0
19	12¾ Lakhs Loan for certain Water Works ...	4 per cent...	.....	12,75,000 0 0	12,75,000 0	(c)	12,75,000 0 0
	Total of Loans raised from the Public...	Rs. ...	4,49,78,000 0 0	12,75,000 0 0	4,62,53,000 0 0	66,000 0 0	4,61,87,000 0 0
*	GRAND TOTAL ...	Rs. ..	4,74,20,355 15 5	12,75,000 0 0	4,86,95,355 15 5	82,594 1 4	4,86,12,761 14 1

W. E. WAITE,
Chief Accountant.

No. 7.

the sums set aside as Sinking Fund at 31st March 1905.

Interest paid in 1904-05. 8	Total of columns Nos. 6 and 8. 9	REMARKS.
Rs. a. p.	Rs. a. p.	
97,381 14 8	1,13,976 0 0	(a) The amount stipulated to be paid off on 1st January 1905 was Rs. 75,500, which, together with 5 unpaid debentures for Rs. 500 each for the preceding years, aggregated Rs. 78,000, against which the debentures actually surrendered for payment up to 31st March 1905 amounted to Rs. 66,000, leaving an unpaid balance of Rs. 12,000. This balance is represented by the following debentures :— No. 810 repayable on 1st January 1893 and Nos. 2097 and 2098 repayable on 1st January 1904 and Nos. 2131 and 2254 to 2273 repayable on 1st January 1905. The unpaid debentures do not carry interest beyond the due dates and will be repaid from the renewed grant when the parties apply for payment.
73,725 0 0	1,45,725 0 0	(b) As under the terms of these Loans the bonds cannot be repaid to the holders before the dates stipulated in the Debentures, the Sinking Fund has been invested as under :—

	Amount of Sinking Fund invested up to 31st March 1904.	Sinking Fund Instalments paid in 1904-05.	Interest accumulations invested in 1904-05.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1,86,412 8 0	1,86,412 8 0	*I.—5 per cent. Loans.*		
30,050 0 0	30,050 0 0	44 Lakhs Sanitary Works Loan	9,56,317 0 11	30,550 0 0	47,835 11 11	10,34,702 12 10
7,25,875 0 0	7,25,875 0 0	7 Do. do. do.	1,41,053 9 6	6,000 0 0	6,989 15 0	1,54,043 8 6
58,250 0 0	58,250 0 0	147 Do. Tansa Water Works Loan ...	6,77,238 5 1	42,000 0 0	(d) 20,222 9 10	7,39,460 14 11
		12 Do. Drainage and Water Works Loan	2,56,989 13 8	11,000 0 0	12,776 2 7	2,80,766 0 3
50,562 8 0	50,562 8 0	Rs. 10,98,500 Miscellaneous Works Loan...	1,86,720 3 8	8,600 0 0	9,396 1 0	2,04,716 4 8
		Rs. 2,48,000 Agripada House Sullage Water Connections Loan	46,650 11 10	2,400 0 0	2,294 3 5	51,344 15 3
12,400 0 0	12,400 0 0	35 Lakhs Various Sanitary Works Loan ...	5,10,889 9 9	29,000 0 0	(c) 39,253 11 3	5,79,143 5 0
		8 Do. Municipal Building Loan ...	1,13,542 11 2	7,000 0 0	5,779 1 3	1,26,321 12 5
1,63,075 0 0	1,63,075 0 0	Total I. ...	28,89,402 1 7	1,86,550 0 0	1,44,547 8 3	31,70,499 9 10
40,000 0 0	40,000 0 0	In 5 per cent. Municipal Debentures at par lodged with the Bank of Bombay ...	28,89,000 0 0	2,31,097 8 3 2,81,000 0 0		31,70,000 0 0
		Cash deposited with the Bank of Bombay.	402 1 7	97 8 3		499 9 10
11,810 0 0	14,810 0 0	*II.—4 per cent. Loans.*				
1,66,400 0 0	1,66,400 0 0	4½ Lakhs Fire Brigade Quarters and Stations Loan	1,08,902 15 10	8,100 0 0	4,705 5 6	1,21,708 5 4
89,399 5 0	89,399 5 0	42 Lakhs Loan for repayment of Balance of Government Consolidated Loan	9,22,258 8 5	75,500 0 0	38,174 9 1	10,35,933 1 6
		23¾ Lakhs Loan for Drainage and other Works	2,38,170 11 5	24,200 0 0	9,782 1 11	2,67,852 13 4
57,937 8 0	57,937 8 0	15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and Water Works (2nd instalment) ...	41,497 13 13	6,160 0 0	1,767 7 4	49,425 5 3
		25 Lakhs Loan for Sewerage, Water, &c., Works	1,14,792 7 0	27,000 0 0	4,662 11 2	1,46,455 2 2
1,04,860 0 0	1,04,860 0 0	19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works	66,723 5 2	21,000 0 0	2,893 6 9	90,616 11 11
		20 Lakhs Loan for Plague charges ...	2,15,428 2 11	67,500 0 0	10,053 12 8	2,92,981 15 7
		24½ Lakhs Loan for Sewerage and Water Works	... ...	26,500 0 0	711 14 6	27,211 14 6
78,380 2 7	78,380 2 7	Total II. ...	17,02,774 0 3	2,56,960 0 0	72,751 4 11	20,32,185 5 7
74,458 8 6	74,458 8 6	In 4 per cent. Municipal Debentures and Bombay Improvement Trust Bonds lodged with the Bank of Bombay ...	17,02,358 2 0	3,29,411 4 11 3,29,510 0 0		20,31,868 2 0
		Cash deposited with the Bank of Bombay.	415 14 8	—98 11 1		317 3 7
87,830 3 5	87,830 3 5	*III.—3½ per cent. Loans.*				
20,422 5 5	20,422 5 5	15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Burial Ground and Water Works (1st instalment)	1,03,714 13 2	12,040 0 0	3,836 10 5	1,19,591 7 7
20,40,813 0 11	21,06,813 0 11	In 3½ per cent. Government Paper lodged with the Bank of Bombay	1,03,287 10 0	15,876 10 5 16,236 9 6		1,19,524 3 0
		Cash deposited with the Bank of Bombay.	427 3 2	—359 14 7		67 4 7
21,38,224 15 7	22,20,819 0 11	GRAND TOTAL I, II and III ...	46,95,890 15 5	4,05,250 0 0	2,21,135 7 7	53,22,276 7 0

(c) The Sinking Fund Instalment, amounting to Rs. 24,700, became due on 1st August 1905.

(d) Excluding Rs. 14,028-15-0, being the amount of interest from 1st July 1896 to 30th June 1904 on the Sinking Fund Instalment of the 35 Lakhs Various Sanitary Works Loan for 1896-97 which was inadvertently credited in previous years to the Tansa Water Works Loan instead of to the 35 Lakhs Loan.

(e) Includes Rs. 14,028-15-0 on account of the interest alluded to in note (c).

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

SINKING

STATEMENT showing the Actual Investments on account of Sinking Fund of Different Loans 31st March 1905 on the basis

NAME OF LOAN.	Amount Raised.	When Repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund Commenced.
1	2	3	4	5
5 per cent. Municipal Loans.	Rs.	Rs.	Rs.	
44 Lakhs Sanitary Works Loan	44,00,000	1st July 1886 7,000 1st " 1887 4,43,000 1st " 1890 51,000 1st " 1895 1,60,000 1st " 1925 37,39,000	30,550	
7 Lakhs Sanitary Works Loan	7,00,000	1st February 1928 ...	6,000	1st February 1889 ...
117 Lakhs Tansa Water Works Loan... ...	1,17,00,000	(a) Between 1st January 1928 and 1st January 1953.	42,000	1st January 1893 ...
12 Lakhs Drainage and Water Works Loan..	12,00,000	1st January 1928 ...	(b) 11,900	1st January 1889 ...
10,08,500 Lakhs Miscellaneous Works Loan...	10,08,500	1st October 1928 ...	8,600	1st October 1889 ...
2,48,000 Lakhs Agripada House Sullage Water Connections Loan.	2,48,000	1st July 1929 ...	2,400	1st January 1891 ...
35 Lakhs Various Sanitary Works Loan ...	35,00,000	1st July 1930 ...	29,000	1st July 1891 ...
8 Lakhs Municipal Building Loan	8,00,000	1st July 1931 ...	7,000	1st July 1892 ...
4 per cent. and 3½ per cent. Municipal Loans.				
4½ Lakhs Fire Brigade Quarters and Stations Loan.	4,50,000	1st January 1923 ...	8,100	1st January 1894 ...
42 Lakhs Loan for re-payment of the balance of Government Consolidated Loan.	42,00,000	1st July 1923 ...	75,500	1st July 1894 ...
23½ Lakhs Loan for Drainage and other Works.	23,25,000	1st July 1935 ...	24,900	1st July 1896 ...
15½ Lakhs Loan for Sewerage, Wari Bunder, etc., Roads, Burial Ground and certain Water Works—				
1st Instalment	10,00,000 raised at 3½ per cent.		(c) 12,040	
2nd Do.	5,75,000 raised at 4 per cent.	1st July 1936 ..	6,160	1st July 1897
25 Lakhs Loan for Sewerage, Water, etc., Works.	25,00,000	1st November 1939 ...	27,000	1st November 1900 ...
19½ Lakhs Loan for Sewerage, Roads and other Sanitry Works.	19,25,000	1st June 1940 ...	21,000	1st June 1901 ...
20 Lakhs Loan for Plague Purposes	20,00,000	1st May 1920 ...	67,500	1st May 1901 ...
24½ Lakhs Loan for Sewerage and Water Works.	24,75,000	1st June 1943 ...	26,500	1st June 1904 ...
			Total ... Rs.	

W. E. WAITE,
Chief Accountant.

No. 7 (a).

FUND.

up to 31st March 1905 compared with the Amounts which should have accumulated up to of the Fixed Instalments.

Amount of Sinking Fund which should have accumulated up to 31st March 1905 at Compound Interest.	Amount actually invested up to 31st March 1905.	Amount of Interest due up to 31st March 1905, Collected and Invested in 1905-06.	Total Invested Sinking Fund (Total of Columns Nos. 7 and 8.)	REMARKS.
6	7	8	9	10
Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
10,40,796	10,34,702 12 10	22,624 1 3	10,57,327 14 4	* As Rs. 6,61,000 of this Loan were paid off by 31st December 1895, leaving a balance of Rs. 37,39,000 repayable on 1st July 1925, and as the Invested Sinking Fund on 31st March 1895 amounted to Rs. 4,57,647-15-5, the amount of the Annual Sinking Fund Instalment was reduced from Rs. 37,000 to Rs. 30,550 from 1st January 1897.
1,56,334	1,54,043 8 6	3,131 11 0	1,57,175 3 6	
7,53,246	7,39,460 14 14	15,804 15 8	7,55,265 13 2	
2,35,588	2,30,766 0 3	5,816 9 11	2,36,582 10 2	
2,08,541	2,04,716 4 6	4,514 15 11	2,09,231 4 7	(a) Rs. 2,00,000 repayable on 1-1-1928.
				" 52,91,500 " " 1-1-1933.
				" 22,08,500 " " 1-1-1943.
				" 17,00,000 " " 1-1-1946.
				" 10,00,000 " " 1-1-1948.
				" 45,00,000 " " 1-1-1953.
52,136	51,314 15 3	1,065 4 9	52,410 4 0	
5,89,674	5,79,143 5 0	11,262 11 1	5,90,406 0 1	Rs. 147 Lakhs.
1,28,610	1,26,521 12 5	2,659 14 19	1,29,981 11 3	(b) In January 1889 Rs. 10,000 were invested and in subsequent years Rs. 11,000.
1,22,926	1,21,708 5 4	1,653 15 4	1,23,362 4 8	
10,48,766	10,35,933 1 6	12,912 11 5	10,48,845 12 11	
2,71,417	2,67,852 13 4	3,381 14 8	2,71,234 12 0	
1,11,818	1,19,591 7 7	1,263 12 8	1,20,855 4 3	
58,462	49,425 5 3	614 2 6	50,039 7 9	(c) In 1897-98 Rs. 18,875 were invested in 3½ per cent. Government Paper.
1,48,678	1,46,455 2 2	2,139 0 7	1,48,594 2 9	
92,148	90,616 11 11	1,266 13 6	91,883 9 5	
2,97,146	2,92,981 15 7	3,829 8 4	2,96,811 7 11	
27,388	27,211 14 6	300 3 0	27,512 1 6	
53,94,923	53,22,276 7 9	94,243 6 0	54,16,519 13 9	

W. D. SHEPPARD,

Municipal Commissioner.

APPENDIX

STATEMENT showing the Interest outstanding on 1st April 1904 on the different of Bombay during that year, and the

	Name of each Loan.	Dates when raised.	Authority.	
			Corporation Resolution.	Government Resolution.
	5 Per Cent. Loans.			
1	Drainage Loan of 1878 (Rs. 26,94,000)	1st November and 1st December 1878.	No. 1296 / 10-9-78.	No. 7241 / 28-9-78.
2	The Sanitary Works Loan of 1885-86 (Rs. 44,00,000) ...	Between 5th May 1885 and 30th March 1886.	Nos. 2021 / 8-12-80, 503 / 15-2-83, and 335 / 16-5-83.	Nos. 2689 / 17-7-82, 284 / 2-2-83, 1040 / 4-6-83, and 1240 / 4-8-84 and 27-1-85.
3	The Sanitary Works Loan of 1888 (Rs. 7,00,000) ...	1st February 1888 ...	No. 991 / 22-10-85.	No. 1427 / 4-3-86.
4	The Tansa Water Works Loan (Rs. 1,47,00,000) ...	Between 5th June 1886 and 24th December 1891.	Nos. 1212 / 23-11-85 and 245 / 2-4-91.	Nos. 551 / 23-2-86, 1006 / 26-3-86, 1930 / 21-5-86, 2510 / 23-9-87, 3218 / 21-7-88, 4123 / 8-10-89, 2392 / 23-8-90 and 3767-81 / 15-9-91.
5	The Drainage and Water Works Loan of 1888 (Rs. 12,00,000).	1st January and 1st July 1888.	Nos. 891 / 20-7-87 and 3146 / 8-9-87.	No. 873 / 16-3-88.
6	The Miscellaneous Works Loan of 1888-89 (Drainage and Water Works, Markets, and Roads) (Rs. 10,06,500).	Between 1st November 1888 and 1st July 1889.	No. 79 / 4-4-88.	No. 4328 / 24-11-88.
7	The Agripada House Sullage and Water Connections Loan of 1889-90 (Rs. 2,48,000).	Between 1st January and 1st July 1890.	No. 4688 / 8-10-89.	No. 17 / 2-1-90.
8	The Various Sanitary Works Loan of 1890-91 (Rs. 35,00,000).	Between 25th September 1890 and 1st January 1892.	Nos. 29 / 3-1-88, 1911-88, 7-1-89, 572 / 5-2-89, 3605 / 21-1-89, 4218 / 13-3-89, 2511-89, 23-1-90, 413 / 17-4-90 and 1484 / 22-5-90.	No. 3542 / 23-8-90.
9	The Municipal Building Loan of 1891 (Rs. 8,00,000). ...	24th December 1891 ...	No. 4551 / 9-2-91.	No. 2265 / 15-5-92.
	4 Per Cent. Loans.			
10	The Loan for Fire Brigade Quarters and Stations (Rs. 4,50,000).	23rd December 1892, 30th November and 1st December 1893.	No. 5144 / 3-3-93.	No. 2301 / 14-6-93.
11	The Loan for repayment of the balance of the 4½ per cent. Government Consolidated Loan (Rs. 42,00,000).	28th and 29th June 1893.	No. 12234 / 23-2-93.	No. 2229 / 6-6-93.
12	The Loan for Drainage and other Works (Rs. 23,25,000).	12th and 31st January 1894 and 13th and 16th July 1895.	No. 6722 / 25-7-93.	Nos. 809 / 3-2-94 and 3761 / 9-10-94.
13	The Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (Rs. 15,75,000, of which the 2nd instalment of Rs. 5,75,000 was raised at 4 per cent.).	17th July 1899 ...	Nos. 504 / 22-1-94, 12837 / 7-2-95, 6942 / 7-11-95, 2276 / 19-3-96, 12934 / 7-11-95, and 4-1-97. 14456 / 23-3-97.	Nos. 3503 / 22-8-95, 883 / 22-2-96, 2220 / 3-4-99 and 2643 / 23-6-99.
14	The Loan for Sewerage and other Sanitary Works (Rs. 25,00,000).	17th and 18th July 1899.	Nos. 3826 / 7-11-95, 12934/5 / 4-1-97, and 14423 / 23-3-97.	Nos. 3461 / 23-8-97 and Telegram / 26-7-97.
15	The Loan for Sewerage, Roads and other Sanitary Works (Rs. 19,25,000).	18th and 19th July 1899 and September 1900.	No. 628 / 13-4-98.	No. 4900 / 5-9-98.
16	The Permanent Loan for Plague purposes (Rs. 20,00,000).	6 lakhs raised between 16th July and 20th December 1899, 6 lakhs raised in November 1900 and 8 lakhs raised between 12th August and 9th October 1902.	No. 8059 / 6-12-97.	No. 4900 / 5-9-98.
17	The Loan for certain Sewerage and Water Works (Rs. 24,75,000).	6 lakhs raised between 15th June and 1st July 1901, 11 lakhs raised between 23rd August and 31st October 1901, and 4 lakhs raised between 19th August and 28th October 1902, and 3½ lakhs raised on 9th September 1903.	No. 1756 / 14-3-1900	No. 2427 / 15-6-1901.
18	The Loan for certain Water Works (Rs. 12,75,000) ...	1st September 1904...	No. 744 / 23-4-04	No. 4416 / 22-8-04
	3½ Per Cent. Loan.			
18A	The Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and Water Works (Rs. 15,75,000), of which the 1st instalment of Rs. 10 lakhs was raised at 3½ per cent.).	1st December 1896 ...	(*Vide* Loan No. 13)...	(*Vide* Loan No. 13).

W. E. WAITE,
Chief Accountant.

No. 8.

Loans, the amounts payable for the year 1904-05, the amounts paid by the Bank Balances outstanding on the 31st March 1905.

Date when Loan is repayable.	Interest outstanding on 1st April 1904.	Interest payable in 1904-05.	Total Interest due.	Less Interest paid by the Bank of Bombay.	Outstanding Balance on 31st March 1905.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1st January 1919 ...	19,537 8 0	81,500 0 0	1,01,037 8 0	79,725 0 0	21,312 8 0
1st July 1925 ...	24,262 8 0	1,86,950 0 0	2,11,212 8 0	1,86,412 8 0	24,800 0 0
1st February 1928 ...	6,887 8 0	35,000 0 0	41,887 8 0	30,050 0 0	11,837 8 0
Between 1st January 1928 and 1st January 1953.	22,137 8 0	7,35,000 0 0	7,57,137 8 0	7,25,875 0 0	41,262 8 0
1st January 1928 ...	5,200 0 0	60,000 0 0	65,200 0 0	58,250 0 0	6,950 0 0
1st October 1928 ...	800 0 0	50,425 0 0	51,225 0 0	50,562 8 0	662 8 0
1st July 1929 ...	.....	12,400 0 0	12,400 0 0	12,400 0 0	.....
1st July 1930 ...	8,187 8 0	1,75,000 0 0	1,83,187 8 0	1,63,075 0 0	20,112 8 0
1st July 1931 ...	.....	40,000 0 0	40,000 0 0	40,000 0 0	.....
1st January 1923 ...	2,180 0 0	18,000 0 0	20,180 0 0	14,810 0 0	5,370 0 0
1st July 1923 ...	21,420 0 0	1,68,000 0 0	1,89,420 0 0	2,66,400 0 0	23,120 0 0
1st July 1935 ...	25,519 5 7	93,000 0 0	1,08,519 5 7	69,399 5 0 + 0 0 7a	19,120 0 0
1st July 1936 ...	320 0 0	22,000 0 0	23,320 0 0	23,060 0 0	260 0 0
1st November 1939 ...	5,950 0 0	1,00,000 0 0	1,05,950 0 0	1,04,550 0 0	200 0 0
1st June 1910 ...	8,565 12 1	77,000 0 0	85,565 12 1	74,453 8 6	11,112 3 7
1st May 1920 ...	3,754 0 8	80,000 0 0	83,754 0 8	78,380 2 7 + 0 0 2a	5,373 13 11
1st June 1913 ...	2,386 15 3	99,000 0 0	1,01,386 15 3	87,330 3 5 + 0 0 2a	13,056 11 3
1st August 1934 ...	.....	21,378 1 3	21,378 1 3	20,422 5 5	955 11 10
1st July 1936 ...	52 8 0	35,000 0 0	35,052 8 0	34,877 8 0	175 0 0
Total Rs...	1,56,374 1 7	20,90,953 1 3	22,47,024 2 10	20,40,842 0 11 + 0 0 11a 20,40,843 1 10	2,06,181 1 0

(a) These represent amounts short paid by the Bank on small prices for broken periods and therefore treated as a saving.

W. B. SHEPPARD,
Municipal Commissioner.

Appendix

LIABILITIES AND ASSETS OF THE BOMBAY

Liabilities.		Amount.	Total.	Grand Total.
		Rs.	Rs.	Rs. a. p.
I—Debt.				
Due to Government—				
Yehar Debt				24,25,761 14 1
Due to the Public—	Original	Repaid	Balance.	
5 % Loans.	Rs.			
Drainage Loan of 1878	26,94,000	11,27,500	15,66,500	
Sanitary Works Loan of 1885-86	44,00,000	6,61,000	37,39,000	
Sanitary Works Loan of 1888	7,00,000	.....	7,00,000	
42 Lakhs Drainage and Water Works Loan	42,00,000	.....	42,00,000	
Rs. 10,06,500 Miscellaneous Works Loan	10,06,500	.....	10,06,500	
Rs. 2,48,000 Agripada House Sullage Water Connections Loan	2,48,000	.....	2,48,000	
35 Lakhs Various Sanitary Works Loan	35,00,000	.....	35,00,000	
147 Lakhs Tansa Water Works Loan	1,47,00,000	.....	1,47,00,000	
8 Lakhs Municipal Building Loan	8,00,000	.....	8,00,000	
Total 5 % Loans... ...	2,92,50,500	17,88,500	2,74,62,000	
4 % Loans.				
4½ Lakhs Loan for Fire Brigade Quarters and Stations	4,50,000	.....	4,50,000	
42 Lakhs Loan for Repayment of Balance of Government Consolidated Loan...	42,00,000	.....	42,00,000	
23½ Lakhs Loan for the construction of Drainage, Water Works and other Works...	23,25,000	.....	23,25,000	
15½ Lakhs Loan for the construction of Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (2nd Instalment)	5,75,000	.....	5,75,000	
25 Lakhs Loan for Sewerage, Water and other Sanitary Works	25,00,000	.....	25,00,000	
19½ Lakhs Loan for Sewerage, Roads and other Sanitary Works	19,25,000	.....	19,25,000	
20 Lakhs Loan for Plague Expenses	20,00,000	.....	20,00,000	
24½ Lakhs Loan for Sewerage and Water Works	24,25,000	.....	24,25,000	
12½ Lakhs Loan for certain Water Works	12,75,000	.....	12,75,000	
Total 4 % Loans... ...	1,77,25,000	.....	1,77,25,000	
Debt due to the Public—Carried over...	Rs. 4,69,75,500	17,88,500	4,51,87,000	
Do. Govt. do. ...				24,25,761 14 1

No. 9.

MUNICIPALITY AT 31st MARCH 1905.

Assets.			Amount.	Total.	Grand Total.
			Rs. a. p.	Rs. a. p.	Rs. a. p.
Cash Balance at 31st March 1905 in the office and Bank Treasuries					1,08,028 12 8
I. Advances Recoverable—					
a. Cash advanced to Municipal and Plague Officers—					
To Municipal Officers			18,709 5 4		
„ Plague Officers			365 0 0		
				19,074 5 4	
b. Inter-departmental Charges—					
Workshops (Private and Departmental Works)			10,477 8 2		
Engineer's Department (Private Works)			39,504 14 10		
Engineer's Department (Departmental Works)			13,555 8 1		
				63,537 15 1	
c. Advances to Contractors				58,521 8 3	
d. Miscellaneous				28,992 5 0	
e. Charges recoverable from Government (including Plague charges incurred on their behalf)				1,11,017 7 3	
					2,81,143 8 11

I. Investments—

a. Surplus Funds Deposits—Paper.

	Face value.	Actual cost.			Deposits, Current account & fixed deposits.				
	Rs.	Rs.	a.	p.	Rs.	a.	p.		
5 per cent. Municipal Debentures	1,41,000	1,41,000	0	0					
4 per cent. Municipal Debentures	1,000	1,033	12	0					
4 per cent. Bombay Improvement Trust Debentures	2,42,500	2,50,440	10	0					
3½ per cent. Government Paper	4,38,000	4,30,061	4	0					
3 per cent. Government Paper	5,00,000	4,32,500	0	0					
Total	13,22,500	12,55,035	10	0	19,82,345	12	1	32,37,381	6 1
								32,37,381	6 1

b. Loan Funds—

	Face value.	Actual cost.			Deposits in Current account & fixed deposits.				
	Rs.	Rs.	a.	p.	Rs.	a.	p.		
25 Lakhs Loan.—									
4 per cent. Bombay Improvement Trust Debentures	98,000	99,960	0	0	.....			99,960	0 0
19½ Lakhs Loan—									
4 per cent. Bombay Improvement Trust Debentures	1,02,000	1,01,040	0	0					
3½ per cent. Government Paper	49,000	48,111	14	0					
	1,51,000	1,52,151	14	0	14,620	7	5	1,66,772	5 5
24¾ Lakhs Loan.—									
4 per cent. Bombay Improvement Trust Debentures	1,00,000	1,01,500	0	0					
3½ per cent. Government Paper	1,000	981	14	0					
	1,01,000	1,02,481	14	0	1,65,921	9	0	2,68,403	7 0
12½ Lakhs Loan	...	.....			10,25,000	0	0	10,25,000	0 0(a)
Total Loan Funds	...	3,54,593	12	0	12,05,542	0	5	15,60,135	12 5
								15,60,135	12 5

c. Sinking Funds—

	Face value.	Actual cost.	Cash Deposits.		
5 per cent. Loans—	Rs. a. p.	Rs. a. p.	Rs. a. p.		
5 per cent. Municipal Debentures	31,70,000 0 0	31,70,000 0 0	499 9 10	31,70,499	9 10
4 per cent. Loans—					
4 per cent. Municipal Debentures	10,05,500 0 0	10,05,313 6 9			
4 per cent. Bombay Improvement Trust Debentures	10,26,500 0 0	10,26,551 11 8			
Total 4%	20,32,000 0 0	20,31,868 2 0	317 3 7	20,32,185	5 7
3½ per cent. Loan—					
3½ per cent. Government Paper	1,22,000 0 0	1,19,524 3 0	67 4 7	1,19,591	7 7
Total Sinking Funds	53,24,000 0 0	53,21,392 5 0	884 2 0	53,22,276	7 0
					* 53,22,276 7 0

d. Special Funds—

MUNICIPAL BUILDINGS FIRE INSURANCE FUND—									
5 per cent. Municipal Debentures	27,000	0	0	27,000	0	0			
4 per cent. Municipal Debentures	27,000	0	0	26,575	5	0			
4 per cent. Bombay Improvement Trust Debentures	24,000	0	0	24,356	9	0			
3½ per cent. Government Paper	1,000	0	0	996	14	0			
Total	79,000	0	0	78,928	12	0	376	11 3	79,305 7 3
Special Funds carried over Rs.	79,000	0	0	78,928	12	0	376	11 3	79,305 7 3
								Carried over Rs.	1,04,19,793 9 6
									3,89,182 5 7

† Of this, Rs. 21,81,218 belong to the Water Works Account.

(a) This belongs to Water Works Account.

Appendix

LIABILITIES AND ASSETS OF THE BOMBAY

Liabilities.		Amount.	Total.	Grand Total.
		Rs.	Rs.	Rs. a. p.
Debt due to Govt. Brought forward		.....	.....	24,25,761 14 1
	Original.	Repaid.	Balance.	
Do. to the Public—Brought forward...	Rs. 4,69,75,500	17,88,500	4,51 87,000	
3½ % Loan.	Rs.			
15½ Lakhs Loan for the construction of Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st Instalment)	10,00,000	.....	10,00,000	
Total 5%, 4% and 3½ % Loans ...	4,79,75,500	17,88,500	4,61,87,000	4,61,87,000 0 0
Total Debt...Rs. ...				4,86,12,761 14 1
II DEPOSITS.				
Contractors', &c., deposits in cash		3,12,236 4 1		
Deposits on account of works performed for private parties....		1,51,075 14 4	4,63,312 2 5	
Contractors', &c., Government, &c., Paper Deposits (lodged with the Bank of Bombay)		2,75,700 0 0		
Contractors', &c., Government, &c., Paper Deposits (kept in office)		11,600 0 0		
Deposit on account of Sir Mangaldas Nathoobhai's Clock		500 0 0	2,87,800 0 0	
Government of Bombay on account of Income Tax recovered from Establishments		27 14 2		
Income Tax recovered from Owners of Public Land Conveyances		119 2 4	147 0 6	
Miscellaneous Receipts, Stores Dept., Supervision Charges on stores sold		8 4 11		
Profit on sale of stores		1 6 0	9 10 11	
Contribution from G. I. P. Railway towards the cost of removal of the 22" Vehar Main from the Railway limits between Cooria and Clark Road and relaying the same			7,51,368 13 10 580 2 4	7,51,948 0 2
III Stock Adjustment Account			9,016 4 2	
IIIA Purchases (Stores)..			77,296 12 4	86,313 0 6
IV Loan Works Establishment				17,369 15 8
V Cheques payable..				77,420 8 3
VI Book value of Municipal land at Agripada, &c., transferred to the Improvement Trust				18,39,107 8 0
Total Liabilities ...				5,13,85,321 14 8
Balance being Assets in excess of Liabilities				1,71,92,822 4 5
Total Rs. ...				6,85,78,144 3 1

W. E. WAITE,
Chief Accountant.

No. 9—*contd.*

MUNICIPALITY AT 31ST MARCH 1905.

Assets.	Nominal value.	Actual cost.	Cash deposits, current account and fixed deposits.	Amount.	Total.	Grand Total.
				Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...					1,01,19,793 9 6	3,89,132 5 7
	Rs. a. p.	Rs. a. p.	Rs. a. p.			
Special Funds brought over.	79,000 0 0	78,928 12 6	376 11 8	79,305 7 3		
2. WORN-OUT WATER MAINS RENEWAL FUND—						
5 per cent. Municipal Debentures	2,87,000 0 0	2,87,000 0 0				
4 per cent. Municipal Debentures...	1,58,500 0 0	1,56,275 0 0				
4 per cent. Bombay Improvement Trust Debentures...	50,500 0 0	50,795 5 0				
3½ per cent. Government Paper	7,000 0 0	6,886 4 0				
Total ...	5,03,000 0 0	5,00,956 9 0	31 8 5	* 5,00,991 1 5		
3. NET PREMIA FUND—						
5 per cent. Municipal Debentures	35,500 0 0	35,500 0 0				
4 per cent. Municipal Debentures	12,500 0 0	12,842 8 0				
4 per cent. Bombay Improvement Trust Debentures	11,000 0 0	11,232 13 0				
Total ...	59,000 0 0	59,575 5 0	25,321 8 0	(*a*) 84,896 13 0		
4. SCHOOL BUILDING FUND—						
4 per cent. Municipal Debentures	9,000 0 0	8,877 8 0				
4 per cent. Bombay Improvement Trust Debentures	2,500 0 0	2,560 0 0				
3½ per cent. Government Paper	51,900 0 0	53,163 2 0				
Total ...	63,400 0 0	64,600 10 0	102 1 1	64,702 11 1		
Total Special Funds ...	7,04,400 0 0	7,04,061 4 0	25,831 12 9	7,29,896 0 9	7,29,896 0 9	
					1,08,49,689 10 3	
e. Contractors', &c., Paper Deposit				2,75,700 0 0		
f. Paper Deposit on account of Sir Mangaldas Nathoobhai's Clock				500 0 0		
					2,76,200 0 0	
						(*b*) 1,11,25,889 10 3
IV. Reserve Stock—						
Serviceable Stores—						
General Stores					3,34,935 2 4	
Executive Engineer's Stores (Kerosine Oil)					12,558 4 9	
Parel Plague Stores					43,744 6 2	
					3,91,537 13 3	
Surplus and obsolete stores					3 95,177 5 11	
						7,85,715 3 2
Sales Stores—Sales Stores						7,422 8 4
V. Loan Works—Construction—						
a. Buildings and Sanitary Structures				49,68,020 15 0		
b. Roads and Bridges...				27,78,085 9 1		
c. Drainage (including Buildings)				1,24,88,052 15 0		
d. Water Works (do.)...				2,79,57,526 4 2		
e. Cemeteries (Burning and Burial Grounds)				6,05,618 6 7		
f. Disposal of Town Sweepings				10,43,089 8 2		
g. Miscellaneous				51,996 14 10		
				(*c*)1,98,92,991 8 10		
VI. Unbooked Property				(*d*) 45,37,835 21 11	(*c*)3,44,30,826 15 9	
VII. Other Property—						
Land transferred to Bombay Improvement Trust...					18,39,107 8 0	(*d*) 5,62,69,934 7 9
			Total Rs. ...			6,35,78,144 3 1

* This belongs to Water Works Account.
(*a*) Of this Rs. 77,652-4-8 belong to the Water Works Account.
(*b*) *Vide* Accompaniment **B**.
(*c*) *Vide* Accompaniment **A**.
(*d*) In addition to this, some properties, &c., acquired from current revenue since 1883-84 have remained unbooked.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 9-A.

Schedule of New Works, &c., carried out from Loan and Special Funds up to 31st March 1905.

	Amount.	Total.	Grand Total.
	Rs. a p.	Rs. a. p.	Rs. a. p.
A.—Buildings and Sanitary Structures—			
Bandora Slaughter Houses	2,54,297 12 8		
Workshop and Store Shed	1,49,079 7 1		
Girgaum Police Court (Share of)	31,000 0 0		
Null Bazar Market	1,50,770 1 7		
Fort Market	22,066 2 11		
Arthur Crawford Market	11,39,410 11 6		
		17,29,624 8 9	
44 Lakhs Sanitary Works Loan—			
Enlargement of Dhobi Lines at Mahaluxmi	28,199 12 3		
Chawl for Gowlies working at the Agripada Milch-Cattle Stables	6,129 13 6		
Health Department Stables at Bori Bunder	43,677 13 3		
Establishment Charges for the above three Works ...	8,803 3 6		
		87,110 9 6	
10,08,500 Miscellaneous Works Loan—			
Market at Colaba	* 44,393 15 11		
Extension of Erskine Road Market	† 3,90,758 0 0		
Extension of the Arthur Crawford Mutton Market ...	42,754 2 2		
		4,86,906 2 3	
35 Lakhs Various Sanitary Works Loan—			
Health Department Bullock Stables and Quarters for Scavengers	95,988 14 9		
Bhuleshwar Market Extension	3,23,817 1 11		
Labourers' Quarters in connection with the Arthur Crawford Market	9,518 14 3		
Foras Road Market	40,499 14 11		
Chawl for Halalkhores in Cursetji Suklaji Street ...	88,460 8 2		
		5,57,235 6 6	
8 Lakhs Loan and Special Invested Funds—			
Municipal Office Buildings		14,67,386 11 3	
4½ Lakhs Fire Brigade Loan—			
Land and Buildings for Fire Brigade		4,08,320 6 1	
Executed out of Savings on different Loans—			
Providing living and other accommodation at the Gowalia Tank Road, Babula Tank, Chinchpokli and Sankli Tank Fire Brigade Stations	337 8 0		
Constructing Lascars' quarters, &c., at Gowalia Tank Fire Brigade Station	3,983 7 10		
Latrines at Colaba	26,290 23 10		
Constructing new Quarters for an Engineer and 10 Lascars at Sankli Tank Fire Brigade Station ...	13,537 13 11		
Portion of Cost of Site for the Colaba Market	28,060 0 0		
Currey Road Market	15,252 5 10		
Market at Chowpatti	65 0 0		
Health Department Stables in F. and G. Wards ...	63,120 8 2		
Construction of a Cook room in connection with the existing Engineer's Quarters and two Nahanis in connection with the Lascars' Quarters at Sankli Tank Fire Brigade Station	1,382 10 3		
Health Department Bigaries' Chawl at Bori Bunder ...	50,058 0 7		
Constructing a chawl of 52 rooms at the Bandora Slaughter Houses	102 0 0		
Providing Latrines and Urinals at different places ...	427 0 0		
Providing accommodation, &c., for the General Stores	25,552 15 6		
		2,32,168 12 14	
Advanced from Surplus Balances—			
Health Department Quarters for Halalkhores	4,268 4 10	4,268 4 10	
			49,68,029 15 0
		Carried over ...Rs.	49,68,029 15 0

* Exclusive of Rs. 21,240 paid out of the premia received on the Loan, and Rs. 23,000 paid out of Savings on different Loans.

† Exclusive of Rs. 31,908-11-11 paid out of the premia received on the Loan.

Appendix No. 9-A—*contd.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			49,68,928 15 0
B.—Roads and Bridges—			
Overbridges	1,97,563 0 1		
Foras Road	1,12,418 14 10		
Nowroji Hill Road	57,913 3 0		
		3,67,895 1 11	
44 *Lakhs Sanitary Works Loan—*			
Road from Bellasis Road across Old Race Course (including Establishment Charges)		1,41,500 1 2	
10,03,500 *Miscellaneous Works Loan—*			
Cross Road at Mahaluxmi Station from Clarke Road to Haines Road	19,594 4 8		
Road through Nowroji Hill	70,089 2 0		
		89,683 6 8	
35 *Lakhs Various Sanitary Works Loan—*			
Roads and Streets in Acripada and elsewhere	15,02,461 2 10		
New Road from Jakeria Bunder Road to Sewree Cemetary	24,217 15 11		
		15,26,679 2 9	
23¾ *Lakhs Loans—*			
Falkland Road Bridge	15,082 9 4		
Wari Bunder Bridge	1,32,652 0 0		
		1,47,734 9 4	
15¾ *Lakhs Loan—*			
Wari Bunder Road	2,85,836 8 7		
Victoria Road Extension	30,895 10 4		
		3,16,732 3 11	
Executed out of Savings on different Loans—			
Diversion of Arthur Road over the masonry culvert ...	16,266 11 1		
Acquisition of land at different places as sites for new Roads...	9,564 15 0		
Streets improvements in different places	16,667 3 2		
		42,498 13 3	
Advanced from Surplus Balances—			
Land for Overbridge at the junction of Fergusson and DeLisle Roads	7,766 15 10		
Land for Overbridge at Carrey Road	7 388 3 10		
Land at Cavel Street	20,064 15 9		
Acquisition of the property of Karimbhoy Jumabhoy at Fergusson Road near the B. B. & C. I Railway DeLisle Road level-crossing	14,952 11 11		
Acquisition of land at Gola Street	7,038 7 0		
Do. do. at Hamalwadi	13,249 4 9		
Do. do. at Piru Lane	1,058 0 0		
		76,518 11 1	
Met out of the Nesbit Road Bridge Invested Fund—			
Nesbit Road Bridge (Portion of cost)		49,844 8 0	
Met out of the Road Improvement Fund—			
Spent on Special Street Improvements		19,000 0 0	
			27,78,986 9 1
C.—Drainage Works—			
Fort Sewers	78,627 4 8		
Kamathipur Drain...	1,91,047 8 10		
Drains in Fanaswadi and Agiary Lane	1,852 12 3		
Branch Sewers, Bellasis Road	7,108 6 1		
		2,78,635 15 10	
C.—Drainage Works, &c., carried over ... Rs.		2,78,635 15 10	
Carried over ... Rs.			77,46,107 8 1

Appendix No. 9-A—*contd.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			77,46,107 8 1
C.—Drainage Works, &c.—*contd.*		2,78,635 15 10	
Surface Drainage Works executed out of the 8 Lakhs included in the Government Consolidated Loan and Rs. 8,12,060 included in the 44 Lakhs Loan—			
Widening Love Grove Sluices	1,51,336 7 7		
Culverts under the B. B. & C. I. Railway near Bellasis Road	1,791 0 3		
Khetwady Survey	5,599 10 0		
Raising level of Khetwady Roads	28,355 0 1		
Raising private compounds in Khetwady	25,336 2 1		
Three branch drains in Khetwady and storm-water entrances	31,711 15 6		
Intercepting drain, Tardeo District, and storm-water entrances	1,69,851 10 4		
Making connection between Low-level sewers and new main drains	2,610 8 10		
Intercepting drain from Pydhoni to Bellasis Road and Storm-water entrances	3,03,229 3 9		
Enlarging old open main drain	71,318 13 5		
Laying a new 24" main and removing old 24" Tulsi main	74,226 14 0		
Constructing storage reservoir on the Flats and raising levels of manholes and sewers	1,86,225 12 6		
Establishment for the above works	1,21,113 0 0		
Contingencies	63,627 6 11		
Cleaning the World Storm-water drain and widening the channels south of the Love Grove sluices ...	79,510 9 7		
		13,22,134 3 3	
Drainage Loan of 1876—			
Main sewers...	4,92,691 8 2		
Pipe sewers	3,00,746 13 1		
Outfall sewer	2,55,766 10 0		
Kamatipura Drainage	76,471 4 6		
Clerk Road Ovoid sewer	39,259 5 11		
Government Commission charges	5,211 15 9		
Preliminary expenses	13,429 6 5		
Departmental works	1,072 1 3		
Compensation for land	18,831 11 1		
Proportion of repairs to roads (opened for the works)	34,372 14 7		
Miscellaneous charges	22,302 15 7		
Establishment for the above works	1,45,000 0 0		
Contingencies	51,167 7 9		
Repairs to old Main Drain at Falkland Road	2,093 13 5		
		14,58,417 15 6	
44 Lakhs Loan—			
House connections without privy fittings	6,32,086 1 7		
Shaft ventilators	44,947 0 5		
Closing Storm-water openings in Frere Road Sewer...	17,108 9 6		
Queen's Road intercepting sewer	1,53,969 0 0		
House connection survey	4,561 13 3		
House connections, Kamatipura Drainage	34,977 7 5		
Establishment charges	38,869 0 0		
Pipe sewer from Clare Road along south portion of Haines Road and DeLisle Road	1,14,260 0 7		
Pipe sewer from Parel Workshop to Clerk Road Ovoid sewer	55,793 9 11		
Extension of Clerk Road Ovoid sewer to Parel Road...	35,569 8 0		
Ovoid sewer across the Old Race Course	59,746 13 2		
Ovoid sewer from the Crawford Market down Hornby Road to Bazar Gate and thence to the Mint ...	89,401 11 9		
Establishment	86,309 0 0		
		13,77,593 11 8	
7 Lakhs Sanitary Works Loan—			
Adjustment of the extra expenditure incurred on the Queen's Road intercepting sewer	9,633 10 8		
Fort Drainage	3,68,432 5 9		
Establishment charges	39,419 0 0		
New Works at Love Grove Pumping Station... ...	34,645 9 6		
Construction of a side drain along Wari Bunder Road	4,934 0 1		
Construction of a pipe sewer in certain lanes in Khetwady	5,282 6 0		
		4,62,337 0 0	
C.—Drainage Works, &c., carried over Rs.		48,99,118 14 3	
Carried over ...Rs.			77,46,107 8 1

Appendix No. 9-A—*contd.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			77,46,107 8 1
C.—Drainage Works, &c.—*contd.*		48,99,118 14 3	
12 *Lakhs Loan*—			
Queen's Road Pipe sewer including contingencies ...	6,09,998 4 2		
Queen's Road house connections	2,05,306 0 9		
Establishment and contingencies	86,132 14 3		
		9,01,437 3 2	
10,98,600 *Miscellaneous Works Loan*—			
Extension of Parel Road Storm-water drains from Bellasis Road to 1/3rd the length of Ripon Road...	41,106 6 9		
9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street	17,290 8 4		
		58,396 14 10	
2,48,000 *Agripada House Sullage Water-connection Loan*—			
House Sullage Water-connections at Agripada... ...		2,33,533 12 10	
35 *Lakhs Various Sanitary Works Loan*—			
Sewer flushing arrangements		13,864 7 3	
23½ *Lakhs Loan*—			
Pumps and steam engine for the working of the Love Grove Pumping Station	4,68,345 8 6		
Sewerage of Colaba...	7,56,419 0 0		
Sewerage of Umarkhadi District	3,53,786 5 9		
Storm-water drains in Moreland, Souter, Club and Gilder Streets	79,644 0 2		
Storm-water drains in different places	21,819 11 2		
Storm-water drains in Connaught and Sussex Roads ...	35,923 15 9		
Miscellaneous extensions and improvements of drains...	33,664 6 1		
		17,14,602 15 5	
15½ *Lakhs Loan*—			
Sewerage of the Mazagon District on gravitation system	3,06,680 0 5		
Sewerage of Malabar and Khambalta Hills on gravitation system	1,31,666 0 1		
Sewerage of Fergusson Road and Chinchpokli District..	89,829 8 5		
Raising sewerage in Queen's Road sewer	1,862 0 0		
Sewerage of Old Race Course District on gravitation system	33,039 8 1		
		5,62,077 1 0	
25 *Lakhs Loan*—			
Machinery for the sewerage of Parel, the Mazagon, &c., sectional districts	7,34,713 4 3		
Mazagon district, sectional...	3,52,785 4 2		
Storm-water drain from Wellington Fountain *via* Bandstand to the sea	86,778 4 2		
		11,24,276 12 7	
19½ *Lakhs Loan*—			
Improvements in the road side drains along Bhoiwada Cross Road and new side drains along portions of Dadar Road, &c.	29,856 14 11		
Surface drainage of Kamatipura	83,440 9 2		
Storm-water drain in Tardeo Road	1,66,842 11 3		
Low-level channel from the Tardeo Flats to Worli Point	7,74,846 13 8		
		10,44,687 1 0	
24½ *Lakhs Loan*—			
Sewerage of the Fergusson Road and Chinchpokli District on the sectional system	2,42,713 9 0		
Sewerage of the Parel District on the sectional system...	4,66,272 3 2		
Completion of house drainage connections in different parts of the city	4,26,324 3 9		
		11,35,310 0 4	
Executed out of savings on different Loans—			
Slab drain 18" × 18" in Store Lane, Homji Street ...	2,567 2 6		
Pipe sewer in Currey Road	2,595 15 5		
Main sewerage of Parel	22,121 7 8		
Arching over with brick masonry the main drain at the Arthur Road crossing	15,655 0 4		
9" Pipe sewer at Lalwadi	2,087 8 2		
Laying branch pipe sewers in the village of Parel ...	17,537 13 11		
Avoiding side drains to the North of Kalachowki Road	2,600 4 3		
Executed out of savings on different Loans continued and carried over ... ... Rs.	65,145 4 3		
C.—Drainage Works, &c., carried over ...Rs.		1,17,24,305 2 3	
Carried over ... Rs.			77,46,107 8 1

Appendix No. 9-A—*contd.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			77,46,107 8 1
C.—Drainage Works, &c.—*contd.*		1,17,24,305 2 8	
Executed out of savings on different Loans—contd.	65,145 4 3		
Completing the Storm-water drain from the top of Bazar Gate Street to the Salvation Army Hall, Hornby Road.	14,460 2 7		
Sewerage of Parel on the gravitation system	62,081 1 5		
Storm-water drain in Cruickshank Road	17,337 6 0		
Laying a 9" pipe for the carriage of Storm-water to the sea from the eastern half of Wodehouse Road ...	1,992 1 3		
Laying a 9" pipe line at the Parel village	878 7 3		
Storm-water drains in part of Gilder Street and Foras Road from Grant Road to Falkland Road	10,781 14 10		
Constructing a catch-pit on the Mint Road sewer opposite the European General Hospital	4,880 10 8		
Altering and ovoiding Storm-water drain in Girgaum...	11,548 14 10		
Construction of a Storm-water drain in Khetwady ...	52,662 2 8		
Draining the Storm-water from the public road round the Mahaluxmi Dhobiwada	1,156 0 3		
Ovoiding and re-grading the open Road side drains in Umarkhadi Road	3,119 0 11		
Converting the old engine house at Love Grove into an office and godown and constructing a shred-lifter chamber with 4 shred-lifters	25,681 4 1		
Tidal flaps on flushing drains for ovoid sewers	2,235 4 4		
Drainage arrangements at Tardeo Road	2,292 0 8		
Laying 9" pipe sewer in Fergusson Cross Road ...	2,361 14 9		
Masonry drain from Girgaum Road and passing through Night-soil Depôt	21,817 6 7		
Opening out the public water-course behind Mr. Cama's property at Parel Road	3,362 6 7		
Laying a 12" Pipe from the emergent reservoir to man-hole in Apollo Street	3,169 7 8		
Storm-water drains in different places	34,804 7 9		
Ovoiding and constructing masonry side drains in different places	17,895 11 11		
Ovoiding and constructing masonry side drains on Carroll Road, north side...	2,711 3 3		
Ovoiding Kutcha drain in Arthur Road as far as G. I. P. Railway crossing	4,988 15 1		
Constructing Storm-water drains and ovoiding and constructing masonry side drains in different places...	20,493 10 8		
Automatic flush tanks on pipe sewers	38,434 0 10		
Improving side drains, Malabar Hill	7,672 13 6		
Storm-water drains at Fergusson Road from DeLisle Road to the Water-course (3,200 feet) west of the Road	29,964 4 9		
Providing and constructing masonry side drain in Malabar Hill	7,846 11 0		
Providing and constructing masonry side drains (*a*) on Naigaum Cross Road on both sides from Vincent Road to Dadar and (*b*) east and west of Ghorupdeo Road...	5,239 5 6		
Storm-water drain running on the west of the G. I. P. Railway Dadar Station	7,023 6 9		
Constructing quarters for workmen at Love Grove Air Compressor Station (including purchase of land and an old chawl)	13 0 0		
Constructing additional quarters for Lascars at Love Grove	5,477 9 6		
Cutting out rocky barriers in the channel at Love Grove	116 6 0		
Surface Drainage in Queen's Road between the level crossing and Charni Road	2,807 15 0		
Ovoiding and re-grading the side drain in Imamwada from Parel Road to Jail Road, North	2,089 3 10		
Masonry Storm-water drain 18" × 18" in Apollo Street	1,888 15 9		
Open ovoid drain on the east side of DeLisle Road ...	1,567 14 10		
Zinc ventshafts on pipe sewers in the Fort Sewerage District	11,146 7 3		
Storm-water drain in Saukli Street	11,529 15 8		
Cost of obtaining advice from Mr. Santo Crimp in regard to House Connections, &c.	11,992 9 10		
Construction of permanent man-holes over drains ...	6,294 10 6		
Masonry side drains at Malabar Hill from Gowalia Tank Road to the Government House...	7,805 4 2		
Tidal flaps on the ovoid sewers	11,035 14 0		
Carried over ... Rs.	5,56,143 8 11		
C.—Drainage Works, &c., carried over... Rs.		1,17,24,305 2 8	
Carried over ... Rs.			77,46,107 8 1

Appendix No. 8-A—*contd.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			77,16,107 8 1
C.—Drainage Works, &c.—*contd.* ... ... Brought forward ...	5,56,143 8 11	1,17,24,305 2 8	
Executed out of savings on different Loans—contd.			
Construction of a coal shed, a coal tramway, and fence round the compound of the Love Grove Air Compressor station	8,709 1 2		
6" Pipe Drain in De Lisle Road	430 10 7		
6" Pipe Drain in Bangana Cross Lane	824 15 8		
Extension of the 15" sealed sewage main in Fergusson Road from the culvert to Worli Road	3,268 0 5		
Laying a 6" pipe drain in Tulasirampada in Parel Chawl Road	1,051 12 0		
Laying a 6" pipe drain in the private passage known as Kalachowki Cross Lane	602 14 7		
6" Pipe Drain in the passage to the north of Parel Cross Lane	472 10 3		
		5,71,994 10 2	
Advances from Surplus Balances—			
Fees to Mr. Midgley Taylor on account of his report on the ejectors, &c., required for Sectional District	1,961 1 4		
Establishment for the preparation of plans and estimates for the sewerage of Mazagon, Parel and Old Race Course Districts	10,338 0 0		
Tracing the plans and sections of the Parel, Mazagon, and Old Race Course Districts	668 15 0		
17 Catch-pits on pipe sewers	26,984 14 0		
7 Do. on ovoid sewers	43,165 13 4		
Sewerage of the Malabar Hill District, Sectional ...	40,128 6 6		
Fees to Messrs Midgley Taylor and G. R Strachan for their opinion on matters connected with the surcharging of sewers	13,677 4 9		
Expenses incurred by Mr. James in connection with enquiries in regard to Liernur system, &c.	1,634 3 0		
Colaba Sewerage Works	53,803 8 3		
		1,92,353 2 2	
D.—*Water Works*—			1,24,38,652 15 9
Vehar Lake (value of)		45,31,943 7 9	
Tulsi Water Works	37,61,688 6 0		
Vehar Outlet Tower	2,38,114 10 0		
		40,00,000 0 0	
Drainage and Water Works Loan of 1878—			
Service Reservoir at Bhandarwada	.....	10,16,830 13 3	
44 Lakhs Sanitary Works Loan—			
Tulsi gathering ground	60,000 0 0		
Malabar Hill Reservoir	4,00,000 0 0		
New hydrants, including cost of erection	20,876 7 1		
Tulsi gathering ground	34,500 0 0		
Construction of a double-storied chawl for the Water Works staff and quarters for the Superintendent ...	29,182 3 3		
Survey of new catch-water channels, &c.	3,838 4 1		
Construction of filter beds at Vehar	1,04,133 15 11		
Improvement of the water-supply of the outlying districts	6,82,065 0 3		
Raising the Tulsi dams	1,13,257 9 7		
Providing additional catch-water channels at Vehar and Tulsi	91,794 0 6		
Purchase of check meters for the prevention of waste of water	1,27,132 14 8		
Enlarging different mains	1,03,130 8 6		
Cost of new water mains from Nesbit Road to Babula Tank	15,000 0 0		
Establishment charges	30,776 0 0		
Portion of excess cost of the Vehar Outlet Tower—debitable to this Loan	23,684 14 9		
Provision of turbine at the Malabar Hill Reservoir.	2,282 0 0		
		18,95,947 12 0	
¶ Lakhs Sanitary Works Loan—			
Malabar Hill Reservoir (extra cost)	1,14,039 2 6		
Increasing and improving the distribution of the water supply and providing higher levels, Tulsi District, with filtered water	26,211 8 4		
Portion of excess cost of Vehar Outlet Tower	7,990 10 6		
		1,42,241 5 4	
D.—Water Works, &c., carried over ... Rs.		1,15,76,963 6 4	
Carried over ... Rs.			2,02,24,760 7 1

Appendix No. 9-A—*contd.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward			2,02,34,760 7 1
D—Water Works, &c.—*contd.*		1,15,76,963 6 4	
12 *Lakhs Drainage and Water Works Loan*—			
18" Main in Frere Road from the Bhandarwada Reservoir to Carnac Road and 12" main from Carnac Road to Mint		80,031 5 0	
10,08,500 *Miscellaneous Works Loan*—			
Concrete trench, waste weir, Vehar Lake	30,608 7 1		
Mains in 14 streets west of Frere Road and other mains in various places	59,275 1 8		
Arthur Road connection works necessitated by the laying of the Tansa 27" main	9,542 10 5		
Deacon's meters	16,788 0 0		
		1,16,214 8 2	
35 *Lakhs Various Sanitary Works Loan*—			
Providing an asphalt surface to the floor of the settling basin of the Malabar Hill Reservoir and other works in connection therewith...	92,872 9 2		
Pawai Water Works	6,60,479 6 9		
Additional Water Mains	98,386 0 10		
Extension of Tulsi catchwater Channel	20,836 9 1		
		8,72,574 9 10	
147 *Lakhs Tansa Loan*—			
Tansa Water Works including cost of survey		*1,46,96,383 7 0	
15½ *Lakhs Loan*—			
Improvements of the outlet towers at Vehar and Tulsi		12,530 0 0	
35 *Lakhs Loan*—			
C. I. Main to Sewree Cemetery Road from Gorupdeo Road, *via* Jakeria Bunder	82 0 0		
New mains in Reay Road, &c.	1,042 5 0		
		1,124 5 0	
23½ *Lakhs Loan*—			
Extension of water mains in various places	28,026 6 5		
Further alterations and improvements at the Malabar Hill Reservoir	29,971 14 8		
Covering storage basin at the Bhandarwada Reservoir and constructing filters over it	91,052 13 0		
Road from Vehar to Tulsi with a light tramway to carry pipes	471 3 6		
		1,49,522 5 7	
3½ *Lakhs Water Works Loan.*—			
Construction of additional filters at the Malabar Hill Reservoir	1,33,152 12 11		
Water mains in connection with the Improvement Trust Schemes.—			
4" Main in New Street near Lohar Chawl	1,253 3 4		
Mains in the 1st Nagpada scheme	43 9 0		
4" main along Wodehouse Road	2,426 2 11		
Removal and Relaying 32" Main, South of Coorla ...	† 35,785 11 2		
		1,72,661 7 4	
Executed out of savings on different Loans—			
15" water main from 24" main in Bhoiwada to Elphinstone Road as far as new Parbhadevi Road and thence a 9" main to the Century Mill	44,835 13 11		
New mains in various places	28,803 1 1		
Covering storage basin at the Bhandarwada Reservoir and constructing filters over it	44,597 14 4		
Excess cost of Worli Road main	21,696 4 1		
Residence of the Chief Inspector, Water Works, at Babula Tank Road and rooms for 6 sluicemen ...	32,028 1 3		
24" and 27" mains from Malabar Hill Reservoir to Frere Fountain	50,098 1 2		
Connections at Chinchpokli between Tansa and Vehar Mains	7,402 1 4		
Laying water mains in Wellington Lines	4,397 9 5		
Executed of savings, &c., Carried over	2,33,853 14 7		
		2,76,78,005 1 3	
D—Water Works, &c., Carried over		... ...	
		Carried over...Rs	2,02,34,760 7 1

* Exclusive of Rs. 2,40,000 paid out of the Premia received on the Loan.
† Exclusive of Rs. 2,73,456-12-3 paid from the contribution received from the G. I. P. Railway Co.

Appendix No. 9-A—*concld.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward			2,02,34,760 7 1
D—Water Works, &c.—*contd.*			
Executed, &c.—Brought forward	2,33,853 14 7	2,76,78,005 1 8	.....
Renewing 3" main in B. Ward with 4" pipes—extra cost chargeable to Capital	4,174 8 2		
Replacing 32" Vehar pipes for 1½ miles by 48" steel pipes	2,051 6 9		
9" main in DeLisle Road	2,849 6 1		
4" main in Khara Talao	2,774 11 7		
		2,53,003 15 2	
Paid out of the Worn-out Water Mains Renewal Fund—			
Cost of renewing 3" mains in Worli Road with 9" pipes (chargeable to revenue)...		26,517 3 9	
			3,79,57,526 4 2
E—*Cemeteries (Burning and Burial Grounds)*—			
15½ *Lakhs Loan*—			
Burial ground for Mahomedans and Beni-Israels ...		2,11,652 4 5	
19½ *Lakhs Loan*—			
Purchase of two sites of land for burning and burial grounds at Mahim, including cost of enclosure walls, &c.		44,717 2 2	
25 *Lakhs Loan*—			
Purchase of land from Mr. Ashburner for extension of burial ground for Mahomedans	1,17,046 0 6		
Purchase of land in Naricliwady for future extension of burial ground for Mahomedans	1,60,562 5 10		
Extension of burial ground at the Sewri Cemetery ...	71,640 9 8		
		3,49,249 0 0	
			6,05,618 6 7
F—*Disposal of Town Sweepings*—			
25 *Lakhs Loan*—			
Purchase of land on the Flats required for the disposal of town sweepings		1,08,913 8 8	
23½ *Lakhs Loan*—			
Purchase of land on the Flats for the deposit of kutchra		5,890 14 1	
25 *Lakhs Loan*—			
Disposal of town sweepings at Deonar		7,81,000 0 0	
19½ *Lakhs Loan*—			
Extra cost of the scheme for the disposal of town sweepings at Deonar		34,610 4 5	
Executed out of savings on different Loans—			
20 Additional wagons for the disposal of town-sweepings		19,644 8 0	
			10,43,089 3 2
G—*Miscellaneous*—			
19½ *Lakhs Loan*—			
Purchase of land for the site of the Petit Hall and other charges in connection therewith...		1,735 13 10	
Executed out of savings on different Loans—			
Filling in Gilder Tank	211 1 0		
Providing and fixing of new pattern hydrants for watering and fire brigade purposes	50,000 0 0	50,211 1 0	
			51,996 14 10
		Total Rs...	4,98,92,931 3 10

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 9-B.

STATEMENT showing the Invested Balances on 31st March 1905 as compared with those at 31st March 1904.

	On 31st March 1904.	On 31st March 1905.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A—SURPLUS FUND INVESTMENTS ...	24,54,188 7 8	32,37,381 6 1	7,83,192 14 5	.....
Loan Fund Balances	11,74,327 6 11	15,60,135 12 5	3,85,808 5 6	.....
Rs. ...	36,28,515 14 7	47,97,517 2 6	11,69,001 3 11	.....
B—SINKING FUND—				
5 per cent. Municipal Loans	28,89,402 1 7	31,70,499 9 10	2,81,097 8 3	.....
4 Do. do.	17,02,774 0 8	20,32,185 5 7	3,29,411 4 11	.....
3½ Do. do.	1,03,714 13 2	1,19,591 7 7	15,876 10 5	.....
Rs. ...	46,95,890 15 5	53,22,276 7 0	6,26,385 7 7	.....
C—MISCELLANEOUS FUNDS—				
Municipal Buildings Fire Insurance Fund	71,210 5 2	79,305 7 3	8,095 2 1	.....
Worn-out Water Mains Renewal Fund ...	4,78,678 15 11	5,00,991 1 5	22,312 1 6	.....
Net Premia Fund	48,780 1 5	84,896 13 0	36,116 11 7	.....
School Building Fund	62,500 9 8	64,702 11 1	2,202 1 5	.....
Rs. ...	6,61,170 0 2	7,29,896 0 9	68,726 0 7	.....
	89,85,576 14 2	1,08,49,689 10 3	18,64,112 12 1	.....
Contractors, &c., Deposits in Government and other Securities	2,24,600 0 0	2,76,200 0 0	51,600 0 0	.....
TOTAL Rs. ...	92,10,176 14 2	1,11,25,889 10 3	19,15,712 12 1	.....

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No. 10.

STATEMENT of Expenditure on Plague Operations from 1st April 1904 to 31st March 1905.

Particulars.	Actual Expenditure.
	Rs. a. p.
1. Free Medical Relief—	
A.—Hospitals—	
1. Modikhana Hospital	9,599 3 3
2. Maratha Hospital	32,946 6 11
B.—Dispensaries	9,639 3 1
2. Maintenance of Camps	13,880 15 11
3. Net Municipal Contribution to Private Hospitals, Dispensaries and Camps	12,192 7 5
4. House Inspection—Improvement of insanitary houses	27,635 5 2
5. Cleaning house connections	*Cr.* 72 10 10
6. Cutting off service pipes, erecting stand-pipes, making reconnections, &c.	978 1 10
7. Fees for notification of plague cases	1,291 0 0
8. General Supervision	25,427 15 8
9. Allowance for the removal of corpses from road side	558 8 0
10. Firewood for cremation of dead bodies	557 8 8
11. Law charges	30 0 0
12. Disinfectants	34,595 11 7
13. Registration	15,315 15 1
14. Cost of experiment with rat exterminator	1,101 1 0
	1,85,671 12 9
Less—Receipts— Recoveries from occupants of private Health Camps on account of conservancy arrangements	3,752 6 1
Total ... Rs.	1,81,919 6 8

W. E. WAITE,
Chief Accountant.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix No.
WATER WORKS

INCOME FOR 1904-1905.

INCOME.	Amount. Rs. a. p.	Total. Rs. a. p.	Grand Total. Rs. a. p.
Water Tax and other Miscellaneous Water Works Revenue, *vide* details in Appendix No. 13 (*vide* page 80)		17,14,453 3 6	
Interest on the Wormoont Water Mains Renewal Fund Investment (*vide* page 82)	22,312 1 6		
Do. Net Premia Fund Investment (*vide* page 82)	1,365 16 1		
		24,678 0 7	
Net Premia received on the 12½ Lakhs Loan (*vide* page 82)		36,154 11 11	17,75,286 0 0
		Total Rs.	17,75,286 0 0

W. E. WAITE,
Chief Accountant.

11.

ACCOUNT.

EXPENDITURE FOR 1904-1905.

EXPENDITURE.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence (proportion of) (*vide* page 81)	23,664 6 9			
Assessment and Collection Charges (proportion of) (*vide* page 81).	29,975 0 10			
Engineer's Establishment (proportion of) (*vide* page 81)...	15,013 2 0			
	73,652 9 7			
Maintenance of Water Works (*vide* page 81).....	2,40,289 11 6			
New Works (*vide* page 83).....	5,056 14 8			
		3,18,999 3 9		
Investments—				
Interest realized on the Worn-out Water Mains Renewal Fund (*vide* page 97).	22,312 1 6			
Interest realized on the Net Premia Fund (Water Works portion (*vide* page 97).	2,365 15 1			
Net Premia received on the 12¾ Lakhs Loan (*vide* page 97).	36,154 11 11			
		60,832 12 6		
Interest on Water Works Loans (Debt)—				
Due to Government—Vehar Debt		97,381 14 8	3,79,852 0 3	
Due to the Public—				
Portion of 10 Lakhs for Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878	30,252 6 7			
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)	80,682 9 1			
Water Works portion of the 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)	9,519 7 2			
Water Works portion of the 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)	4,250 0 0			
Tansa Water Works Loan of Rs. 147 lakhs	7,26,875 0 0			
Water Works portion of the Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000)	6,750 0 0			
Water Works portion of the 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000)	46,000 0 0			
Water Works portion of the 42 Lakhs Loan for repayment of Government Consolidated Loan (Rs. 28,59,762)	1,14,390 7 8			
Water Works portion of the 23¾ Lakhs Loan for Drainage and other Works (Rs. 2,45,500)	9,820 0 0			
Water Works portion of the 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Works (Rs. 30,000) ...	1,050 0 0			
Water Works portion of the 25 Lakhs Loan for Sewerage, &c., Works (Rs. 2,31,297)	9,251 14 1			
Water Works portion of the 24¾ Lakhs Loan for certain Sewerage and Water Works (Rs. 2,73,000)	10,920 0 0			
12¾ Lakhs Loan for certain Water Works (Rs. 12,75,000).	20,422 5 5			
		10,69,184 2 0		
Commission to Bank of Bombay for payment of interest on the Water Works portion of the different Loans (*vide* page 89).		(a) 11,66,566 0 8 4,380 13 6		
Payments towards the reduction of debt or investment of Sinking Fund of the following Water Works Loans:—			11,70,946 14 2	
Vehar Debt		16,594 1 4		
Portion of the 10 Lakhs for Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878		28,025 3 10		
Water Works portion of the 44 Lakhs Sanitary Works Loan(Rs. 18,98,921) ...		13,184 8 10		
Do. do. 7 Lakhs Sanitary Works Loan (Rs. 1,90,389) ...		1,631 14 6		
Do. do. 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)		779 2 8		
Do. do. Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000)		1,151 3 5		
Tansa Water Works Loan of Rs. 147 Lakhs		42,000 0 0		
Water Works portion of the 35 Lakhs Various Sanitary Works Loan(Rs. 9,20,000)		7,622 13 0		
Do. do. 42 Lakhs Loan for repayment of Government Consolidated Loan (Rs. 28,59,762)		51,407 10 0		
Do. do. 23¾ Lakhs Loan for Drainage and other Works (Rs. 2,45,500)		2,629 3 7		
Do. do. 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Works (Rs. 30,000)		361 8 2		
Do. do. 25 Lakhs Loan for Sewerage, &c., Works(Rs. 2,31,297).		2,498 0 2		
Do. do 24¾ Lakhs Loan(Rs. 2,73,000)		2,923 0 6	(b) 1,70,808 1 0	
				17,21,586 15 5
Balance—Income in Excess of Expenditure ...				53,699 0 7
TOTAL Rs....				17,75,286 0 0

(a) *Vide* page 89. (b). *Vide* page 95.

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

WATER WORKS

SCHEDULE OF LIABILITIES AND

LIABILITIES.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Debt due to Government—			
Government of Bombay on account of Vehar Debt (See page 62)		24,25,761 14 1	
Debt due to the Public—			
Portion of 10 lakhs for the Bhandarwada Water Works of the Loan of Rs. 26,24,000 of 1878 ...	5,77,023 0 3		
Water Works portion of the 44 lakhs Sanitary Works Loan	16,13,651 4 7		
Water Works portion of the 7 lakhs Sanitary Works Loan	1,90,389 0 0		
Water Works portion of the 42 lakhs Drainage and Water Works Loan	85,000 0 0		
Water Works portion of the Miscellaneous Works Loan of Rs. 19,98,500	1,35,000 0 0		
Water Works portion of the 35 lakhs Various Sanitary Works Loan	2,20,000 0 0		
Tansa Water Works Loan of 147 lakhs	1,47,00,000 0 0		
Water Works portion of the 42 lakhs Loan for repayment of the balance of Government Consolidated Loan	28,59,762 0 0		
Water Works portion of the 23½ lakhs Loan for Drainage and other Works	2,45,500 0 0		
Water Works portion of the 15¾ lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works	30,000 0 0		
Water Works portion of the 25 lakhs Loan for Sewerage, Roads and other Works	2,31,297 0 0		
Water Works portion of the 24¾ lakhs Loan for certain Sewerage and Water Works	2,73,000 0 0		
12½ Lakhs Loan for certain Water Works	12,75,000 0 0	2,31,35,622 4 10	
			2,55,61,384 2 11
Balance—Assets in Excess of Liabilities ...			61,81,003 7 2
		TOTAL Rs....	3,17,42,387 10 1

W. E. WAITE,
Chief Accountant.

No. 12.
ACCOUNT.
ASSETS AT 31ST MARCH 1905.

ASSETS.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I. Properties—			
Water Works executed out of Loan and Reserve Funds as detailed at pages 71 to 73 (*vide* Appendix No. 9-A)•...		2,79,57,526 4 2	
II. Investments—			
1. Bank of Bombay, Municipal Loans Sinking Fund Deposit Accounts—			
Rs. a. p.			
5 per cent. Loans 14,27,433 0 0			
4 „ „ ... 7,50,197 0 0			
3½ „ „ ... 3,588 0 0	a 21,81,218 0 0		
2. Bank of Bombay Worn-out Water Mains Renewal Fund Deposit Account (*vide* page 65).	5,00,991 1 5		
3. Bank of Bombay Net Premia on different Municipal Loans Deposit Account (*vide* page 65)	* 77,652 4 6		
	27,59,861 5 11		
4. Bank of Bombay on account of fixed deposits in respect of Funds belonging to the 12½ Lakhs Loan (*vide* page 63)	10,25,000 0 0	37,84,861 5 11	
			3,17,42,387 10 1
		TOTAL RS....	3,17,42,387 10 1

(a) *Vide* page 63

	Rs. a. p.
* Balance on 1st April 1904	39,939 9 6
Add—Net Premia received on the 12½ Lakhs Loan ..	36,154 11 11
Add—Proportionate amount of interest realized in 1904-05	2,365 15 1
	78,460 4 6
Less—Proportionate amount of withdrawal to meet premia on Sinking Fund investments	808 0 0
Balance Rs, ..	77,652 4 6

W. D. SHEPPARD,
Municipal Commissioner.

Appendix

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

RECEIPTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
Cash Balance (In Bank and Office Treasuries) on 1st April 1904				2,09,928 4 0
GENERAL TAX—				
From the Public		27,53,036 5 2		
,, Government of Bombay	1,57,895 0 11			
,, Port Trust	2,67,083 0 0			
		4,24,838 0 11		
			31,77,874 6 1	
WHEEL TAX AND TOLLS—				
WHEEL TAX—				
Through Assessor and Collector (Private Conveyances)		2,01,153 5 7		
Through the Chief Accountant (Public Land Conveyances)		2,00,567 0 0		
		4,01,720 5 7		
TOLLS (through Contractors)		17,866 10 8		
			4,19,587 0 3	
TOWN DUTIES (Gross Collections)		29,69,215 14 0		
Less—Refunds		15,52,273 1 0		
			14,16,942 13 0	
LICENSES—				
(*a*) Taxes on Trades and Professions		79,534 8 0		
(*b*) Land Conveyance, Music, &c., Licenses (issued by the Commissioner of Police)—				
(1) Land Conveyance Licenses, &c.	15,791 3 0			
(2) Music and Miscellaneous Licenses	7,774 8 0			
(3) Motor Car Licenses	372 0 0			
		23,937 11 0		
			1,03,772 3 0	
LIQUOR LICENSES—Receipts from Government			1,43,750 0 0	
TOBACCO DUTY LICENSES—Receipts from Government (through Commissioner of Customs)			2,60,744 5 8	
HALALKHOR TAX—				
On value		7,19,936 2 7		
For special service		1,55,257 6 0		
			8,75,193 8 7	
WATER TAX AND OTHER MISCELLANEOUS WATER WORKS REVENUE—				
Water Tax (through Assessor and Collector)—				
On value Rs.	7,63,542 13 0			
On meter measurement ,,	8,52,365 1 1			
Compounded Tax ,,	33,187 12 7			
	16,48,095 10 8			
Water supplied to Municipal Departments	22,779 1 3			
Water charges recovered through Water Engineer	5,511 9 8			
	16,76,386 5 7			
Rent of Water Meters	27,633 12 9			
Miscellaneous	6,926 15 2			
		17,10,947 1 6		
Sale proceeds of and produce of lands		1,901 2 0		
Rent of land and buildings		1,605 0 0		
			17,14,453 3 6	
MARKET RECEIPTS—				
Stall Rents	1,57,316 3 2			
Squatters' Fees	30,886 10 6			
Fair Ground and Feeding Fees from Contractors	76,100 0 0			
Miscellaneous	24,171 12 1			
		2,94,474 9 9		
Slaughter Fees		1,47,204 0 0		
Rent of land and buildings		5,740 8 0		
Sale-proceeds of and produce of land		24 4 0		
			4,47,443 5 9	
Carried over.. Rs.			85,59,769 13 10	2,09,928 4 0

No. 13.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1905.

DISBURSEMENTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
GENERAL SUPERINTENDENCE—				
Standing Committee and Corporation Establishment		60,271 0 5		
Municipal Commissioner's Personal Office Establishment		59,462 10 0		
General Office Establishment		44,968 6 8		
Accounts and Expenditure Audit Establishment		61,913 4 9		
			* 2,29,315 5 10	
ASSESSMENT AND COLLECTION DEPARTMENT—				
Property and Wheel Tax Establishment		† 1,59,866 14 11		
Town Duty Collection		1,00,012 11 5		
Licensing Establishment		29,218 6 11		
Revenue and Refund Audit Establishment		‡ 28,363 14 0		
		3,17,461 15 3		
TOLLS COLLECTION—				
Establishment and other charges		555 3 0		
			3,18,017 2 3	
FIRE BRIGADE		1,11,372 4 7		
Add—Interest on the Fire Brigade Loan of 4½ lakhs—Transferred from Interest on Loans, page 89		14,810 0 0	(a)	
			1,26,182 4 7	
MAINTENANCE OF PUBLIC GARDENS—				
(*a*) VICTORIA GARDENS—				
Maintenance		62,100 13 11		
(*b*) ELPHINSTONE CIRCLE GARDEN		1,021 2 8		
(*c*) FALKLAND ROAD GARDEN		224 14 4		
(*d*) NORTHBROOK GARDEN		962 7 5		
(*e*) SIR COWASJEE JEHANGIR GARDEN		448 5 11		
(*f*) BAZAAR GATE GARDEN		506 6 11		
(*g*) DICK'S TANK GARDEN		242 12 3		
(*h*) MALABAR HILL GARDEN		584 5 11		
			66,091 5 4	
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—				
I. GENERAL SUPERVISION and MISCELLANEOUS DUTIES		§ 57,966 4 8		
II. DRAINAGE—				
A. Miscellaneous Drainage	1,66,168 3 10			
B. Maintenance of Love Grove Pumping Station	1,08,115 6 3			
C. Maintenance of Sluices	2,978 5 0			
D. Maintenance of Pumping Station, Colaba (Shone System)	23,442 15 3			
E. Air Compressor Station at Love Grove (Shone System)	39,555 2 3			
		3,40,260 0 7		
III. WATER WORKS		2,40,289 11 6		
Public Works (Enr's. Dept.) *contd.* and carried over Rs.		6,38,516 0 9		
Carried over Rs.			7,39,606 2 0	

* Of this, Rs. 28,664-6-9 are charged to Water Works Account.
Do. Rs. 29,975-0-10 do. do.

†Includes Rs. 14,174-6-5 on account of Town Duty Refund Establishment.

§ Of this, Rs. 15,013-2-0 are chargeable to Water Works Accounts.

(*a*) Or Rs. 1,34,252-4-7, including the Sinking Fund Instalment of Rs. 8,100 included in the Sinking Fund payments aggregating Rs. 6,26,385-7-7 shown at page 95.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			85,59,760 13 10	2,09,928 4 0
PUBLIC GARDENS—				
VICTORIA GARDENS—				
Sale Proceeds of Plants, Flowers, &c.		10,436 9 7		
Rent of Chawls from Malees, &c.		119 0 0		
Fees from Elephant rides		975 7 0		
Prize awarded for the best Collection of Rare Plants, at Flower Show, Poona		20 0 0		
TRAMWAY RENT			11,551 0 7	
			50,053 14 10	
MISCELLANEOUS FINES AND PENALTIES			13,127 10 5	
MISCELLANEOUS RECEIPTS—				
General Sales Account—				
Sale of Land	619 0 0			
Miscellaneous	4,193 12 10			
		4,812 12 10		
On Account of Health Department—				
Rent of Chawls, Reclamation Ground, Milch Cattle Stables and Dhobiwada	69,445 15 0			
Sale-proceeds of land and produce of land	3,618 12 4			
Sale of Bones, Manure and Cowdung Cakes, &c..... Rs. 2,656 4 0				
Cleaning Drains..... „ 1,624 5 0				
	3,630 9 0			
Miscellaneous	24 11 3			
		76,769 15 7		
On Account of Municipal Engineer's Dept.—				
Cleveland Bundor Fees.....Rs. 1,132 4 1				
Other Ground-rent..... ..... „ 7,120 14 7				
	8,253 2 8			
Right of catching fish, cutting grass, collecting fruits, drawing toddy, &c.	10,156 4 8			
Miscellaneous	15,035 10 7			
		33,445 1 11		
Miscellaneous—				
Rent of Quarters belonging to the Corporation and occupied by the Police Dept.	14 534 1 0			
Do. do. by the Fire Brigade.....	3,600 0 0			
		18,184 1 0		
Sundries		26,143 14 3		
			1,58,355 13 7	
MISCELLANEOUS FEES			59,168 15 6	
MISCELLANEOUS SAVINGS			3,798 4 8	
CONTRIBUTION from Municipal Servants towards Pension, &c., Fund			21,098 1 6	
INTEREST on Investments of Surplus Loan and other Balances.....			1,43,588 0 2	
PROFIT on Municipal Workshops			17,077 5 3	
SALE PROCEEDS of Unserviceable Tools, Plant, &c.			2,864 15 8	
ACTUAL Profit on sale of Stores to Contractors			7,957 8 1	
INTEREST on the 5, 4 and 3½ per cent. Municipal Loans Sinking Fund Investments		2,21,135 7 7		
INTEREST on Municipal Buildings Fire Insurance Fund Investments	3,095 2 1			
INTEREST on the Investments of the Net Premia Fund	* 2,789 13 1			
INTEREST on the School Building Fund Investments	2,202 1 5			
INTEREST on the Worn-out Water Mains Renewal Fund Investments	22,312 1 6			
		30,399 · 2 1	2,51,534 9 8	
			92,99,956 12 9	
Premia received on the 12¾ Lakhs Water Works Loan			36,154 11 11	
				93,36,111 8 8
Carried over...Rs.				95,46,039 12 8

* Includes Rs. 2,365-15-1 received on the Water Works portion of the Net Premia, &c., Fund.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1905—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			7,39,606 2 0	
PUBLIC WORKS (Engineer's Department)—*contd.* and brought forward ..... Rs.		6,38,516 0 9		
IV. STREETS AND BUILDINGS—				
A. Inspection and Supervision	85,947 10 0			
B. Public Lighting	2,75,587 5 8			
C. Road Watering	68,026 8 3			
C. I. Oiling and Tarring Roads (experimental)	6,392 0 11			
D. Roads, Footpaths, &c.	4,28,463 4 6			
E. Improvement of Streets	1,47,255 10 10			
F. Miscellaneous—				
(1) Compensation to House-owners for insanitary buildings demolished ..... Rs. 910 12 3				
(2) Compensation to Municipal staff employed on extricating bodies of persons overwhelmed in the debris of fallen buildings, &c. ..... „ 318 6 8				
	1,229 2 11			
		10,12,851 11 1		
V.—Cleaning, Lighting, and Repairing Port Trust Wharves Roads		42,084 18 4		
VI.—SANITARY—Removal and Disposal of Town Sweepings		98,849 12 2		
			17,92,362 5 5	
NEW WORKS—				
DRAINAGE—				
Miscellaneous Drainage Works	16,816 11 0			
Remodelling certain house gullies in Kamatipura District	10,616 10 11			
Constructing a Chowki on a plot of Municipal ground at Chinchpokli	6,168 12 7			
Putting up two sluices, one on the Ovoid Sewer and the other on the Frere Road Drain near the head of the Ovoid Sewer at Carnac Road	76 13 7			
	33,679 0 1			
Draining the Public Fountain at Naigaum Road...	280 9 5			
		33,959 9 6		
WATER WORKS—				
Fixing Kennedy's patent taps in place of bib taps to the fountains and stand pipes in A & B Wards	695 2 10			
Painting the rafters of the Malabar Hill Reservoir	29 11 7			
Strengthening and regirdering certain culverts over water mains and drains passing through the B. B. & C. I. Railway lands	3,524 8 0			
Reconnecting the Vithal Mandir with the Parel Road Main	53 8 0			
	4,302 14 5			
Fixing new pattern hydrants to water mains	754 0 3			
		* 5,056 14 8		
New Works—*continued* and carried over... Rs.		39,016 8 2		
Carried over... Rs			* 25,31,908 7 5	

* Chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				95,46,039 12 8
Carried over...Rs.				95,46,039 12 8

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1905—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			25,31,908 7 5	
NEW WORKS—*contd.* and brought forward ..... Rs.		39,016 8 2		
STREETS AND BUILDINGS—				
Paving with blue stone slabs the Khote Footpath at Chowpatti.		13,027 13 2		
SANITARY AND OTHER MISCELLANEOUS WORKS—				
Latrines and Urinals	8,661 5 7			
Paving cab stands	1,688 5 5			
Providing shelters for keeping hearses and vans ...	636 14 2			
Paving dust-bin cart stands	488 2 4			
Constructing a masonry wall on two sides of the Tank Bunder Hindu Burning ground	5,748 10 11			
Repairing the road from Chimbur Road to the shed at Coorla	1,289 1 10			
Construction of a Night-soil Depôt at Bamnoli.....	6,757 12 8			
Paving two dust-bin stands at Bhoiwada.....	97 11 1			
Construction of Latrines at Parbhadevi Road for Halalcotes.....	171 4 0			
Providing a corrugated iron screen wall at Dadar Stable	149 15 1			
Providing a corrugated iron screen wall to the dust-bin carts, &c.	45 7 7			
Providing a Storage Tank at Dhobiwada.....	162 3 2			
	25,891 13 10			
Construction of a mallies' shed at Falkland Road Garden	470 2 10			
	Rs. a. p.			
Improving drainage arrangements of Municipal Property Nos. 42—44 Kolsa Street	153 1 5			
Drainage Works at the Health Department stables at Dadar	61 1 11			
Fixing ball tap, &c., at Palton Road stable	183 13 0			
Drainage Works to the Health Department Milch cattle stables at Agripada	1 9 0			
Water connections and shed at Foras Road, Dharamshalla	58 4 3			
Providing a corrugated iron privy at Foras Road, Dharamshalla	135 12 2			
	588 9 9			
Renewing the corrugated iron sheets over the roof of the Arthur Crawford Markets	8,700 15 1			
Levelling and metalling the Fair Ground at the Bandora Slaughter Houses ...	4,594 5 11			
Providing 6" Inspection Chambers over the drain of the Mutton Slaughter Houses at Bandora	338 1 2			
Lowering sluice box in the Market compound	1 6 6			
Constructing a Beef-stall for A. C. Market	151 4 10			
Providing a drainage connection to the washing place in the A. C. Market	109 4 7			
Repairing the Road in the compound of the A. C. Market	240 9 2			
	9,135 15 3			
Certain Drainage Works at the Fire Brigade Station at the Junction of Parel and Chinchpokli Roads	605 15 10			
		36,692 9 6	88,736 14 10	
Carried over...Rs.			26,20,645 6 3	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				95,46,039 12 8
Carried over ... Rs.				95,46,039 12 8

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1905—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			26,20,645 6 3	
PUBLIC HEALTH DEPARTMENT—				
I. General Supervision		97,669 14 8		
II. Conservancy Branch—				
Veterinary Establishment	6,755 14 6			
Other Conservancy Charges	14,16,606 8 6			
		14,23,362 7 0		
III. Markets and Slaughter-Houses Establishment		1,36,649 10 4		
IV. Registration of Births and Deaths		88,135 10 7		
V. Cemeteries		,068 5 7		
VI. Laboratory		6,398 9 11		
VII. Mahaluxmi Dhobiwada		15,922 11 4		
VIII. Infectious Diseases		39,490 11 5		
IX. Milch-Cattle Stables and Rooms		7,677 13 8		
X. Tank Conservancy		5,876 14 5		
XI. Rustomji Jamshedji Dharamshala, Falkland Road		209 4 11		
XII. Vaccination (Contribution to Government)		17,044 6 3		
			18,46,401 8 1	
GENERAL STORES—				
Establishment and Contingencies			15,904 5 10	
POLICE CHARGES—				
Contribution towards the cost of Police		5,00,000 0 0		
Cost of the alteration proposed to be made in the rooms belonging to the Municipality at the back of the Pydhoni Police Station, &c.		677 7 1		
Paving the floors of the Bazar Gate Police Station and removing the ceiling and cornice thereof and white-washing the space thus opened		365 2 1		
Making certain improvements to the staircase railing of the Mahatbawdi Police Station, &c.		32 13 3		
			5,01,075 6 5	
EDUCATION—				
Victoria and Albert Museum		9,190 13 8		
Other Institutions		1,50,572 1 7		
			1,59,762 15 3	
HOSPITALS, &c.			57,960 0 0	
CONTRIBUTION to the City Improvement Trust			2,00,000 0 0	
PENSIONS, &c.			74,334 3 7	
MISCELLANEOUS—				
Discretional Contingencies		2,823 12 0		
Auditors' Allowance		11,250 0 0		
Election Expenses		809 1 1		
Purchase of a Shigram for Lepers		475 0 0		
Cost of engrossing and illuminating the address of welcome presented to the Right Honble Baron Curzon of Kedlestone, Viceroy-designate of India on his arrival in Bombay and of a silver casket to contain the same		999 5 0		
Expenses towards the Health Exhibition under the auspices of the Bombay Sanitary Association		5,000 0 0		
			21,357 2 1	
Carried over ... Rs.			54,96,480 15 6	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				95,46,039 12 8
Carried over...Rs.				95,46,039 12 8

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1905—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.			54,96,480 15 6	
INTEREST ON LOANS		21,38,224 15 7		
Less—Shown under Fire Brigade (page 81)		14,810 0 0		
			* 21,23,414 15 7	
CHARGES ON ACCOUNT OF LOANS			† 9,268 14 0	
PLAGUE CHARGES			1,81,919 6 8	
PAID OUT OF THE NET PREMIA FUND—				78,11,084 3 9
Premia on the Investment of 4 per cent. Municipal Loans Sinking Fund			2,110 0 0	
Cost of Water-marked paper obtained from England for printing Municipal Debentures			717 13 5	
				2,827 13 5
LOAN WORKS—				
DRAINAGE—				
Executed out of the Loan of Rs. 25 Lakhs for Sewerage, Water and other Sanitary Works—				
Machinery for the sewerage of the Parel, the Mazagon, &c., Sectional Districts		3,939 2 7		
Executed out of the 19¼ Lakhs Loan—				
Low-Level Channel from the Tardeo Flats to Worli Point		5,22,194 4 11		
Executed out of 24½ Lakhs Loan—				
Sewerage of the Fergusson Road and Chinchpokli District (Sectional)	328 2 11			
Sewerage of the Parel District (Sectional)	22 8 0			
Completion of house drainage connections in different parts of the City	71,248 1 6			
		71,588 12 5		
Executed out of savings on different Loans—				
Vent shafts on pipe sewers in the Fort Sewerage District	4,273 13 3			
Storm-water Drain running to the west of the G. I. P. Railway, Dadar Station	6,863 14 9			
Construction of a coal shed, a coal tramway and fence round the compound of the Love Grove Air Compressor Station	8,700 1 9			
Ovoiding cutcha drains to the east and west sides of Arthur Road from Parel Road, as far as G. I. P. Railway Crossing	4,852 9 1			
6" Pipe drain in DeLisle Road	430 10 7			
Ovoiding and re-grading the side drain in Imamwada from Parel Road to Jail Road (north) ...	58 15 6			
Slab drain 18"×18" in Store Lane and Homji Street	1,035 4 4			
6" Pipe drain in Banganga Cross Lane	824 15 8			
Extension of 15" sealed sewage main in Fergusson Road from the Culvert to Worli Road	3,768 0 5			
Ovoiding side drains to the north of Kalachowki Road	2,538 0 3			
Laying a 6" pipe drain in Tulsirampada in Parel Chawl Road	1,051 12 0			
Laying a 6" pipe drain in the private passage known as Kalachowki Cross Lane	602 14 7			
6" Pipe drain in the passage to the north of Parel Cross Lane	472 10 3			
	35,403 10 5			
Less—Credits—				
Filling in Gilder Tank	166 9 0			
		35,302 1 5		
Loan Works—Drainage—*continued* and carried over ... Rs.		6,33,074 5 4		
Carried over ... Rs.				78,13,912 1 2

* Includes Rs. 11,66,566-0-8 chargeable to Water Works Account.

† Of this, Rs. 4,380-13-6 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				25,16,039 12 8
Carried over...Rs.				25,46,029 12 8

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1905—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward.....Rs.				78,13,912 1 2
LOAN WORKS—DRAINAGE—*contd.* and brought forward.....Rs.		6,33,074 5 4		
Advances from Surplus Balances—				
(7) Catch-pits on ovoid sewers	45 0 0			
Sewerage of the Malabar Hill District—Sectional	29,305 14 1			
Fees to Messrs. Midgley Taylor and G. R. Strachan for their opinion on matters connected with the surcharging of sewers	13,677 4 9			
Expenses incurred by Mr. James in connection with the enquiries in regard to Liernur System, &c.	1,634 3 0			
Colaba Sewerage Works	53,801 8 3			
		98,463 14 1		
Less—Credits—		7,31,538 3 5		
Executed out of 23¼ Lakhs Drainage and other Works Loan—Sewerage of Colaba		53,801 8 3		
			6,77,736 11 2	
WATER WORKS—				
Executed out of the 15§ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loan—				
Improvement of the Outlet Towers at Vehar and Tulsi		3,364 13 6		
Executed out of 25 Lakhs Loan for Sewerage, Water and other Sanitary Works—				
C. I. Main to Sewri Cemetery Road from Gorupdeo Road *via* Jackeria Bunder		82 0 0		
Executed out of 12½ Lakhs Loan—				
Construction of additional filters at the Malabar Hill Reservoir	1,33,152 12 11			
Water mains in connection with the Improvement Trust Schemes—				
4" main in New Street near Lohar Chawl	1,253 3 4			
Mains in 1st Nagpada Scheme	48 9 0			
4" main along Wodehouse Road	2,426 2 11			
Removal of 32" main, south of Kurla	35,785 11 2			
		1,72,661 7 4		
Executed out of savings on different Loans—				
4" main in Khara Talao	2,498 11 0			
15" Water main from 24" main in Bhoiwada to Elphinstone Road as far as New Parbhadevi Road and thence a 9" main to the Century Mill	4,126 11 6			
Renewing 3" service main in B Ward with 4" pipe (extra cost)	3,424 0 8			
		10,049 7 2		
Advanced from Surplus Balances—				
Construction of additional filters at the Malabar Hill Reservoir		18,200 9 7		
		2,04,358 5 7		
Less—Credits—				
Advanced from Surplus Balances—				
Construction of additional filters at the Malabar Hill Reservoir	57,551 5 8			
Mains in the 1st Nagpada Scheme	43 9 0			
4" C. I. Main along Wodehouse Road	2,426 2 11			
		60,021 1 7		
			1,44,337 4 0	
ROADS—				
Executed out of the 35 Lakhs various Sanitary Works Loan—				
Roads and streets in Agripada and elsewhere		167 4 0		
Executed out of savings on different Loans—				
Acquisition of land at different places as sites for new roads, &c.	227 15 0			
Street improvements in different places	16,667 3 2			
		16,895 2 2		
Loan Works—Roads—*contd.* and carried over Rs.		17,062 6 2		
Loan Works—*contd.* and carried over...Rs.			8,22,078 15 2	
Carried over...Rs.				78,13,912 1 2

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward .....Rs.				95,46,039 12 8
Carried over...Rs.				95,46,039 12 8

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1905—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				78,13,912 1 2
LOAN WORKS—*continued* & brought forward.....Rs.			8,22,078 15 2	
LOAN WORKS—ROADS—continued and brought forward..... Rs.		17,062 6 2		
Advanced from Surplus Balances—				
Constructing Over-bridge at Fergusson and DeLisle Roads	100 2 0			
Purchase of land at Cavel Street in connection with a new Street at Cavel	9,343 12 0			
Acquisition of the property of Mr. Karimbhoy Joomabhoy at Fergusson Road near the B. B. & C. I. Railway DeLisle Road Level Crossing ...	75 13 0			
Acquisition of land at Hamalwadi.....	18,249 4 9			
Acquisition of land at Piru Lane	1,058 0 0			
		28,826 15 9		
			45,889 5 11	
MARKETS—				
Executed out of savings on different Loans—				
Market at Curry Road			45 0 0	
MISCELLANEOUS WORKS—				
Executed out of 35 Lakhs various Sanitary Works Loan—				
Health Department Bullock Stables and Quarters for Scavengers.....		15,735 10 5		
Executed out of the 25 Lakhs Loan for Sewerage, Water and other Sanitary Works—				
Purchase of land in Nurielwadi for future extension of burial-ground thereat		886 5 1		
Executed out of the Loan of 19¼ Lakhs—				
Purchase of two sites of land required for burning and burial grounds at Mahim and Worli (including cost of enclosure walls)	240 3 0			
Extra cost of the scheme for the disposal of Town Sweepings at Chimbur	4,559 15 2			
		4,800 2 2		
Executed out of savings on different Loans—				
Constructing quarters for Laskars, &c., at Gowalia Tank Fire Brigade Station	5,573 0 11			
Providing living and other accommodation at the Gowalia Tank, Babula Tank, Chinchpokli and Sankli Tank Fire Brigade Stations	337 8 9			
Constructing a Chawl of 52 rooms at the Bandora Slaughter Houses	103 0 0			
Providing latrines and urinals at different places..	427 0 0			
Providing accommodation, &c., for the General Stores	25,552 15 6			
Filling in Gilder Tank	211 1 9			
Health Department Biggaries' Chawl at Beri Bunder	59,058 0 7			
		82,262 10 0		
Loan Works—Mis. Works—*contd.* and carried over Rs.		1,03,684 11 8	8,68,008 5 1	
Loan Works—*contd.* and carried over... Rs.				78,1[illegible],912 1 2
Carried over...Rs.				

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				95,46,039 12 8
PLAGUE CHARGES—				
Plague Charges payable out of Loan Funds				32,443 5 8
Plague Expenditure Suspense Adjustment Account				32,443 5 8
DEBT—				
Loan of Rs. 12½ Lakhs for certain Water Works (raised in 1904-05)				12,75,000 0 0
ADVANCES—				
(a)—CASH ADVANCES TO MUNICIPAL AND PLAGUE OFFICERS—				
Municipal Officers		1,50,616 0 1		
Plague Officers		415 0 0		
			1,51,031 0 1	
(b)—INTER-DEPARTMENTAL CHARGES—				
Workshops (Private & Departmental Works) ...		1,22,158 10 11		
Private Works (Engineer's Department)		43,736 15 9		
Departmental Works (do.)		76,175 12 10		
			2,42,071 7 6	
(c)—ADVANCES TO CONTRACTORS			46,086 5 7	
(d)—MISCELLANEOUS			96,803 0 6	
(e)—RESERVE STOCK—				
General Stores		2,23,911 15 7		
Executive Engineer (General)		26,898 13 8		
Plague Stores (Parel)		15,658 3 5		
		2,76,469 0 8		
Surplus and Obsolete Stores		7,096 1 6		
			2,83,565 2 2	
Purchases			2,99,376 6 3	
Sales			72,516 0 3	
				11,91,449 6 4
DEPOSITS—				
(a)—BANK OF BOMBAY ON ACCOUNT OF CONTRACTORS, &C., PAPER DEPOSIT			39,100 0 0	
(b)—SURPLUS FUND INVESTMENTS—				
Paper Deposit		6,63,895 10 0		
Cash Deposit		54,781 8 0		
Current Account Deposit		17,40,839 2 5		
Fixed Deposit		19,26,000 0 0		
			43,85,016 4 5	
Deposits—*contd.* and carried over ...Rs.			44,74,116 4 5	
Carried over...Rs.				1,20,77,375 14 4

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1905—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				78,13,912 1 2
LOAN WORKS—*contd.* and brought forward ... Rs.			8,68,008 5 1	
LOAN WORKS—Miscellaneous Works—*continued* and brought forward ..... Rs		1,03,684 11 8		
Less—Credits—				
Advances from Surplus Balances—				
Health Department Biggaries' Chawl at Bori Bunder		50,058 0 7		
			53,626 11 1	
			9,21,635 0 2	
PLAGUE CHARGES—(PAID OUT OF LOAN FUNDS)—				
Net amount of credits received in 1904-05, adjusted by transfer to Plague Expenditure Suspense Adjustment Account			82,443 5 8	9,54,078 5 10
				87,67,990 7 0
DEBT—				
REPAYMENT—				
Vehar Debt		16,594 1 4		
Drainage Loan of 1878		66,000 0 0		
			82,594 1 4	
INVESTMENT OF SINKING FUND AND OF INTEREST ACCRUED THEREON—				
Sinking Fund Investments		4,05,250 0 0		
Interest Realizations		2,21,135 7 7		
			6,26,385 7 7	
				* 7,08,979 8 11
ADVANCES—				
(*a*)—CASH ADVANCES TO MUNICIPAL AND PLAGUE OFFICERS—				
Municipal Officers		1,35,348 12 0		
Plague Officers		430 0 0		
			1,35,778 12 0	
(*b*)—INTER-DEPARTMENTAL CHARGES—				
Workshops (Private & Departmental Works)...		1,20,336 0 2		
Private Works (Engineer's and Health Departments)		42,476 12 9		
Departmental Works (Engineer's Department).		88,600 1 3		
			2,60,412 15 2	
(*c*)—ADVANCES TO CONTRACTORS			54,822 9 9	
(*d*)—MISCELLANEOUS			1,83,358 11 7	
(*e*)—RESERVE STOCK—				
General Stores		2,94,794 9 1		
Executive Engineer, (General)		23,680 10 0		
Parel Stores, (Plague)		34,137 4 10		
		3,52,612 7 11		
Stock Adjustment Account		3,517 10 1		
Surplus and Obsolete Stores		15 0 8		
			3,55,545 2 8	
Purchases			2,22,079 9 11	
Sales			79,938 8 7	
				12,91,936 5 8
DEPOSITS—				
(*a*)—BANK OF BOMBAY ON ACCOUNT OF CONTRACTORS, &c., PAPER DEPOSIT			1,40,709 0 0	
(*b*)—SURPLUS FUNDS INVESTMENTS—				
Paper Deposit		17,85,718 12 0		
Cash Deposit		54,781 8 0		
Current Account Deposit		15,02,708 14 10		
Fixed Deposit		24,25,000 0 0		
			51,68,209 2 10	
Deposits—*continued* and carried over...Rs.			53,08,909 2 10	
Carried over...Rs.				1,07,68,906 5 7

* Of this, Rs. 1,70,808-1-0 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				1,20,77,375 14 4
DEPOSITS—*contd.* and brought forward ..... Rs.			44,74,116 4 5	
(c)—LOAN FUNDS—				
Paper Deposit		.....		
Cash Deposit		13,723 6 0		
Current Account Deposit		4,84,906 3 10		
Fixed Deposit		29,49,000 0 0		
			34,47,634 9 10	
(d)—RESERVE FUNDS—				
1—Municipal Buildings Fire Insurance Fund— Cash Deposit		3,326 11 11		
2—Worn-out Water Mains Renewal Fund— Cash Deposit		22,946 2 6		
3—Net Premia, &c., Fund— Cash Deposit		22,063 4 5		
4—School Building Fund—				
Cash Deposit		2,579 5 7		
			50,915 8 5	
			79,72,666 6 8	
Deposits from Contractors, &c.—				
In Cash— Rs. a. p.				
(a) From Contractors 2,59,926 3 0				
(b) „ private parties received through Departmental Officers 67,862 8 6				
(c) Other Deposits 1,03,609 2 6				
	4,31,397 14 0			
In Government Paper kept in Office	57,300 0 0			
In Government Paper lodged at the Bank of Bombay	1,40,700 0 0			
On account of work performed for private parties ..	1,62,926 8 11			
		7,92,324 6 11		
Government of Bombay on account of Income Tax		29,358 15 5		
Profit on Sale of Stores	1 6 6			
Supervision Charges on Stores sold	8 4 11			
		9 10 11		
			8,22,193 1 3	
Contribution from the G. I. P. Railway towards the cost of removal of the 32" Vehar Main from within the Railway limits between Cooria and Clarke Road and relaying the same			2,00,036 14 8	
CHEQUES PAYABLE			1,63,16,331 11 2	
				2,53,11,228 1 9
			Total Rs. ...	3,73,83,604 0 1

W. E. WAITE,
Chief Accountant.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1905—*concld.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ..... Rs.				1,07,68,906 5 7
DEPOSITS—*contd.* and brought forward ..... Rs.			53,08,909 2 10	
(*c*)—LOAN FUNDS—				
Paper Deposit		49,093 12 0		
Cash Deposit		13,728 6 0		
Current Account Deposit		5,95,620 13 4		
Fixed Deposit		31,75,000 0 0		
			38,33,442 15 4	
(*a*)—RESERVE FUNDS—				
1—Municipal Buildings Fire Insurance Fund—				
Paper Deposit	8,259 1 0			
Cash Deposit	3,162 13 0			
		(*a*) 11,421 14 0		
2—Worn-out Water Mains Renewal Fund—				
Paper Deposit	22,681 9 0			
Cash Deposit	22,576 11 0			
		(*b*) 45,258 4 0		
3—Net Premia, &c., Fund—				
Paper Deposit	11,887 3 0			
Cash Deposit	21,292 13 0			
Fixed Deposit with the Bank of Bombay.	25,000 0 0			
		(*c*) 58,180 0 0		
4—School Building Fund—				
Paper Deposit	2,547 13 0			
Cash Deposit	2,233 10 0			
		(*d*) 4,781 7 0		
			1,19,641 9 0	
Deposits from Contractors, &c.—			92,61,998 11 2	
In Cash—				
(*a*) From Contractors ..... Rs. 2,55,658 9 0				
(*b*) From private parties received through Departmental Officers ... „ 94,340 0 0				
(*c*) Other Cash Deposits ... „ 1,07,778 7 3				
	4,57,777 0 3			
In Government Paper kept in Office	52,700 0 0			
Do. do. lodged at the Bank of Bombay	89,100 0 0			
On account of work performed for private parties	19,431 11 1			
		6,19,008 11 4		
Government of Bombay on account of Income Tax		29,908 1 11		
			6,48,916 13 3	
Contribution from the G. I. P. Railway towards the cost of removal of the 32" Vehar Main from within the Railway limits between Coorla and Clarke Road and relaying the same			2,73,456 12 4	
CHEQUES PAYABLE			1,63,27,291 9 1	
				2,65,11,658 13 10
				3,72,80,565 3 5
Cash Balance (in Bank and Office Treasuries) on 31st March 1905 ...				1,08,038 12 8
			Total ... Rs.	3,73,88,604 0 1

	Rs. a. p.	Rs. a. p.
(*a*)—Total Debits	11,421 14 0	
Less—Withdrawals as per contra to meet the cost of Securities purchased	3,326 11 11	
Net payment during the year ...		8,095 2 1
(*b*)—Total Debits	45,258 4 0	
Less—Withdrawals as per contra to meet the cost of Securities purchased	22,946 2 6	
Net payment during the year ...		22,312 1 6
(*c*)—Total Debits	58,180 0 0	
Less—Net Premia received on the 12½ Lakhs Loan, and invested during the year	36,154 11 11	
	22,025 4 1	
Less—Withdrawals as per contra to meet the cost of Securities purchased (Rs. 22,063-4-5—Rs. 2,827-13-5 as per page 89)	19,235 7 0	
Net payment during the year ...		2,789 13 1
(*d*)—Total Debits	4,781 7 0	
Less—Withdrawals as per contra to meet the cost of Securities purchased	2,579 5 7	
Net payment during the year ...		2,202 1 5
Total Rs.		35,399 2 1 (*vide* page 51)

W. D. SHEPPARD,
Municipal Commissioner.

REVENUE.

Report on the working of the Assessment and Collection Department for the year 1904-05 by Mr. B. D. Banaji, Assessor and Collector, forwarded with his No. 18931, dated 19th July 1905.

1. The total collected under all heads, exclusive of Miscellaneous Receipts, Fees, &c., was Rs. 58,89,838-8-10 against the estimate of Rs. 54,62,182, a difference of Rs. 4,27,656-8-10, detailed as under :—

Taxes.	Estimate.	Actual Collections including Adjustments.	Increase.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
General	29,50,000 0 0	31,29,222 6 4	1,79,222 6 4
*Water	15,02,500 0 0	16,76,117 11 5	1,73,617 11 5
Halalkhor	8,14,000 0 0	8,83,218 12 6	69,218 12 6
Wheel	1,95,682 0 0	2,01,379 10 7	5,697 10 7
Total ...	54,62,182 0 0	58,89,838 8 10	4,27,656 8 10

* Exclusive of Meter Hire and Receipts by the Deputy Executive Engineer, Water Works.

2. As compared with the total collections for 1903-1904, *viz.*, Rs. 54,46,545, the collections for 1904-1905, *viz.*, Rs. 58,89,838-8-10 are more by Rs. 4,43,293.

3. On the 31st March 1905 the outstandings for Property Taxes, charges for water by Meter and Wheel Tax (private) were Rs. 1,85,550-3-5 against Rs. 3,18,215-10-9 on 31st March 1904, of which Rs. 92,457-6-2 have been collected or adjusted up to 10th July 1905, leaving at that date Rs. 93,092-13-3 for recovery for all previous years. In this sum of Rs. 93,092-13-3, Rs. 78,268-13-2 are in dispute on account of Valuations, Water-supply by Meter, &c., and Rs. 331-5-10 are to be adjusted departmentally, whilst Rs. 316 are irrecoverable.

4. Properties in the Assessment Book were on 31st March 1905 as under :—

Buildings	35,545
Salt-pans	83
Lands including tanks and wells	20,041
	55,669

of which 42,727 were assessed for the General Tax, 4,956 were exempted under Section 143 (1) (*a*) (*b*) of the Municipal Act, and 7,986 were not charged the General Tax, being small plots of waste lands, houses marked "Unfit for Human Habitation," the assessments of which were temporarily reduced to a nominal value of Rs. 6, for which no bills were issued.

5. The number of buildings newly erected, demolished and enlarged in 1904-1905 was 784, 668 and 486 respectively.

6. The assessments of properties contrasted with those of 1903-1904 were :—

Years.	Original Assessment (Gross)	Amount after disposal of complaints.		Amount of subsequent reductions during the year by demolitions and on complaints.	Gross amount after deduction of subsequent reduction.	Subsequent enhancement (New buildings, enlargements and under Assessments) Gross.	Total Gross Assessment.	Increase. Final difference over preceding year's Gross Assessment.	Rateable Assessment.	Classification of Rateable Assessment.			
		No. of complaints against opening Assessment.	Gross Assessment.							Chargeable with General Tax.	Exempted from General Tax, Section 118 (1) (a) (b).	For which no General Tax Bills issued.	Total Rateable Assessment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1903-1904	3,25,17,624	3,269	3,25,91,399	10,93,752	3,14,97,647	29,51,952	3,44,49,599	25,58,199	3,10,16,244	2,91,17,518	18,81,471	17,255	3,10,16,244
1904-1905	3,48,10,765	3,538	3,47,69,063	8,28,133	3,39,40,930	14,75,004	3,54,15,934	* 9,66,335	3,18,86,460	2,99,05,630	19,63,600	17,230	3,18,86,460

* This increase is due to under-assessments, rise in rents, erection of new buildings and enlargements.

7. There were 3,538 complaints against the assessments made from 1st April, and 1,123 against the assessments made during the currency of the year, total 4,681 complaints against 6,582 complaints in 1903-04.

8. The following tables give the increases in Property taxes levied, as compared with those of 1903-04 :—

General Tax.

1903-04.				1904-05.				Increase—Difference between columns 4 and 8.
10½ per cent.	Compounded sum payable by Government under Section 144 (3).	Compounded sum payable by the Port Trustees under Section 145 (3).	Total of columns 1, 2 and 3.	10½ per cent.	Compounded sum payable by Government under Section 144 (3).	Compounded sum payable by the Port Trustees under Section 145 (3).	Total of columns 5, 6 and 7.	
1	2	3	4	5	6	7	8	9
Rs. a. p. 27,03,917 11 10	Rs. a. p. 1,32,814 12 0	Rs. a. p. 2,20,607 0 0	Rs. a. p. 30,57,339 7 10	Rs. a. p. 27,86,377 2 7	Rs. a. p. 1,32,814 12 0	Rs. a. p. 2,20,835 0 0	Rs. a. p. 31,40,026 14 7	Rs. a. p. 82,687 6 9

Note.—The sum of Rs. 7,099-13-9 paid by Government and Rs. 46,198 paid by Port Trustees on account pending Awards, have not been included in the above figures.

9. The amount of General tax on properties exempted from its payment under Section 143 (1) (*a*) (*b*) is Rs. 2,07,987 against Rs. 1,99,316 in 1903-04.

Water Tax.

1903-04.				1904-05.				Difference.			
On rateable value.	Compounded.	On meter measurement.	Total of columns 2, 3 and 3.	On rateable value.	Compounded.	On meter measurement.	Total of columns 5, 6 and 7.	On rateable value.	On compounded.	On meter measurement.	Total.
1	2	3	4	5	6	7	8	9	10	11	12
Rs. a. p. 7,28,799 5 6	Rs. a. p. 30,142 12 2	Rs. a. p. 8,14,124 3 3	Rs. a. p. 15,73,066 4 11	Rs. a. p. 7,45,776 9 7	Rs. a. p. 33,318 0 10	Rs. a. p. 8,99,396 8 2	Rs. a. p. 16,77,991 2 7	Rs. a. p. 17,037 4 1	Rs. a. p. 2,175 4 8	Rs. a. p. 85,772 4 11	Rs. a. p. 1,04,984 13 8

Halalkhor Tax.

1903-04.			1904-05.			Increase—Difference between columns 3 and 6.
On rateable value.	On special service.	Total.	On rateable value.	On special service.	Total.	
1	2	3	4	5	6	7
Rs. a. p. 6,83,074 8 1	Rs. a. p. 1,55,903 4 8	Rs. a. p. 8,37,976 12 9	Rs. a. p. 7,02,433 5 6	Rs. a. p. 1,61,380 3 11	Rs. a. p. 8,63,813 9 5	Rs. a. p. 25,836 12 8

10. The total demand on account of Property taxes amounted to Rs. 56,81,831-10-7 (including Government and Port Trust), to which is to be added Rs. 65,664-14-5 demand on account of previous years, making a total of Rs. 57,47,496-9-0, from which sum Rs. 90,166-3-11 were allowed as ¼th drawback of the General tax under Section 158 (2) of the Act, the number of claims being 15,577.

11. For these taxes 1,244 bills for Rs. 65,664-14-5 were issued for previous years and for 1904-05 80,038 bills for Rs. 52,38,015-10-8 (excluding Government and Port Trust for which no bills are issued, the amounts being paid direct into the Chief Accountant's Office) a total of 81,282 bills for Rs. 53,03,680-9-1.

12. The outstanding balance for Property taxes for all years on 31st March 1904 was Rs. 3,07,051-6-8. During 1904-05 bills for these taxes amounting to Rs. 53,03,680-9-1 were issued. Government and Port Trust paid Rs. 3,53,649-12-0 (Rs. 1,32,814-12-0 and Rs. 2,20,835) making a total of Rs. 59,64,381-11-9.

13. Of this amount Rs. 56,88,556-14-3 were collected, *viz.*, Rs. 2,55,406-1-10 for former years and Rs. 54,33,152-12 5 for 1904-05, leaving uncollected Rs. 2,75,822-13-6 from which the following sums are to be deducted:—

Rupees 60-4-8 written off by the Standing Committee's Resolutions Nos. $\frac{883}{18-5-1904}$, $\frac{2211}{19-10-1904}$, $\frac{4494}{16-1-1905}$, and $\frac{5165}{22-2-1905}$ and Rs. 97,639-2-10 on account of bills cancelled, amended bills being issued, total Rs. 97,699-7-6.

14. The outstandings on 31st March 1905 were Rs. 19,610-11-9 on account of former years and Rs. 1,58,512-10-3 for 1904-05, total Rs. 1,78,123-6-0.

15. *Tax on Vehicles and Animals.*—The demand on account of the tax on private vehicles and animals for the four quarters ended 31st December 1904 was Rs. 1,99,000-14-0 against Rs. 1,91,666-14-0 for 1903; to the first sum are to be added Rs. 11,164-4-1 outstanding on the 31st March 1904 and Rs. 1,232-3-0 charges for former years, a total of Rs. 2,11,397-3-1 for recovery 18,119 bills were issued and the amount collected was Rs. 2,01,279-10-7, leaving Rs. 10,117-10-6 uncollected, of which Rs. 247-11-1 were written off under the Standing Committee's Resolutions quoted in para. 13; Rs. 2,443-2-9 were on bills recalled, amended bills being issued, making a total of Rs. 2,690-13-1, which deducted from Rs. 10,117-10-6 leaves Rs. 7,426-13-5 outstanding at the end of the year.

16. During the year there were taxed 4,460 four-wheeled vehicles (including 63 motor-cars), 1,621 two-wheeled vehicles, 994 vehicles not drawn by horses, 1,233 cycles, 5,984 horses (including those in commission stables), 343 ponies, 2,521 bullocks and 2 mules.

17. The following table shows the total demands, collections and balances on account of Property taxes and tax on private vehicles and animals:—

Year.	Amount to be collected.			Bills written off under Standing Committee's Resolutions and bills recalled for amendment.	Collections.	Outstanding Balance on 31st March 1905.
	Opening Outstanding Balance.	Demands assessed for the year and for former years.	Total.			
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1904-1905	3,18,215 10 9	53,57,563 6 1	61,75,779 0 10	1,06,390 4 7	58,89,838 8 10	1,85,550 3 5

18. The miscellaneous receipts for notices, warrants, bataki fees and other small items amounted to Rs. 7,562-12-6 against Rs. 5,872-13-2 in 1903-04. The receipts for meter hire were Rs. 26,682-4-9 against Rs. 22,509-4-2 in 1903-04.

19. Certificates of Refund of Taxes were issued as under for 1904-1905 and for former years:—

	Rs. a. p.
General Tax	20,403 10 3
Water Tax	4,216 10 3
Halalkhor Tax	7,255 4 2
Wheel Tax	123 5 0
Total Rs....	31,998 13 8

20. There were 47 appeals to the Chief Judge of the Small Causes Court, of which 5 were allowed, 40 were settled by appellants out of Court and 2 were withdrawn by the appellants. There were 123 appeals in 1903-04.

B. D. BANAJI,
Assessor and Collector.

No. 1101 of 1905-1906.

Bombay Municipality, *28th June* 1905.

From the REVENUE and REFUND AUDIT OFFICER,

To W. D. SHEPPARD, Esq., I.C.S., Municipal Commissioner for the City of Bombay.

Sir,—I have the honour to submit the Annual Administration Report of the Revenue and Refund Audit Department for the official year 1904-05.

I was appointed on the 15th October 1904 to act as Revenue and Refund Audit Officer and was confirmed in the appointment on the 26th idem on the demise of the late Revenue and Refund Audit Officer, Mr. W. Pearson.

I—REVENUE AUDIT.

I—Assessor and Collector's Department.

(*a*) *Ward Office.*

2. The balances and books of the 78 ward clerks in the seven wards of the City were duly examined at the end of each quarter. The amount of Audit work done on each of these occasions is shown in detail in Appendix A.

3. The 56,103 bills for Rs. 29,74,966-0-7 were duly checked in detail with the Ward Office Bill Book (every entry in which was subjected to scrutiny) and in totals, which were themselves tested with the book, kept under para. 9 at page 155 of the Manual, which is practically the ward clerk's ledger. They were also checked with the Head Office Accounts (Forms 8 and 9) both in detail and in totals, respectively.

(*b*) *Head Office.*

4. The Assessment Book in both its parts, one for the General Tax and the other for the Water and Halalkhore Taxes, was duly examined, and the exemptions from the payment of the General Tax, the Water Tax and the Halalkhore Tax were duly checked with a view to ascertain that no property liable to pay any or all of these taxes had escaped assessment.

5. The Vehicle and Animal Tax Book, kept under Section 186 of the Act, was also examined, and all the entries therein checked with the Quarterly Returns of the Ward Superintendents, where necessary also with the owner's returns under Section 187, and with the charges made for the preceding quarters. Appendix B gives the details for each ward.

6. As the year recognised by the Bombay Act VI of 1863 is the calendar year, the revenue from the tax on Public Land Conveyances, licensed by the Commissioner of Police under that Act, was also audited for the twelve months, from 1st January to 31st December 1904, the certificates of issue of licenses supplied by that Officer under arrangements made with him having been duly checked with the register kept by the Chief Accountant. The following table shows the work done:—

Description of Public Land Conveyance.	Number of Certificates or Vouchers.	Amount of Revenue, including Fees for Licenses, Badges, &c.
		Rs. a. p.
Victorias	3,053	81,302 8 4
Riding Hackeries	468	4,692 12 0
Labour Carts	9,567	1,25,609 1 4
Total	13,088	2,11,706 5 8

7. The right of collecting the toll, leviable under Section 190 of the Act, on vehicles, entering the City from Salsette, was farmed for one year from 1st August 1904, and in pursuance of the condition of sale, the toll farmer supplied a monthly statement of the number of

vehicles, on which the toll was levied. The statement was checked with the counterfoils of Ticket Books and Toll Register, kept by the toll farmer in the prescribed form at the respective Chowkies on the Causeways. The work done is shown in the following table :—

Month.	At Sion.		At Mahim.	
	Number of Entries examined.	Amount.	Amount.	Number of Entries examined.
		Rs. a. p.	Rs. a. p.	
March 1904	6,075	759 6 0	842 8 0	6,740
April 1904	5,721	715 2 0	871 2 0	6,969
May 1904	5,928	748 8 0	961 10 0	7,693
June 1904	2,217	277 2 0	546 12 0	4,374
July 1904	Books were not available.			
August 1904	9,132	1,141 8 0	737 4 0	5,898
September 1904	11,618	1,452 4 0	793 2 0	6,345
October 1904	7,627	953 6 0	547 14 0	4,383
November 1904	4,559	569 14 0	440 4 0	3,522
December 1904	3,808	476 0 0	514 8 0	4,116
January 1905	5,214	651 12 0	604 4 0	4,834
February 1905	3,960	487 8 0	600 14 0	4,807
Total ...	65,859	8,232 6 0	7,460 2 0	59,681

8. Appendix C shows the number of claims to one-fifth draw-back under Section 158 (2) of the Act, which were scrutinized by this office during 1904-05.

9. The alteration in the rateable value and in demand made through the increase and decrease Forms 11,11-A and 11-B were duly checked with the authority for such alterations as contained in your orders in the Tabulated Ward Report (Form 13) and in separate sanctions recorded in the Audit Note Books kept in this office. The total number of such entries checked was 17,783.

10. The number of complaints against valuations under Section 163 of the Act heard by me was—665-B Mandvi Ward, 420-F Parel Ward, and 575-G Mahim Ward. The total number of decisions on complaints against amendments under Section 167 of the Act which were scrutinized by this office amounted to 496 from all the seven wards of the City.

11. Forty-two irrecoverable bills for Rs. 307-15-9 as per details given in the subjoined table were scrutinized and submitted to you in the prescribed form for action under Section 216 of the Act.

Wards.	No. of Bills.	Amount.		
		Property Taxes.	Tax on Vehicles and Animals.	Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.
A	16	9 3 4	62 0 0	71 3 4
B	2	.....	22 0 0	22 0 0
C	6	34 0 7	37 11 1	71 11 8
D	5	2 15 3	55 0 0	57 15 3
E	10	14 1 6	62 0 0	76 1 6
F	1	.....	5 0 0	5 0 0
G	2	.....	4 0 0	4 0 0
Total...	42	60 4 8	247 11 1	307 15 9

12. The demands, collections and balances of the Department at the close of the year were duly audited in the manner contemplated by the Manual. The collections were checked with the totals of the Chief Accountant and the balances by an examination of the bills actually on hand in the several ward offices on 1st April 1905. They were found to be correct.

2.—Engineer's Department.

The revenue books kept in the General Streets and Buildings, Water Works, Drainage and Special Drainage Branches of the Executive Engineer's Offices were duly checked each month with the permits, receipts, vouchers and other papers supporting the several entries therein ; the object of the audit being to see that the charges were correctly calculated at rates duly sanctioned, and that the collections as shown by the various books were all paid into the Municipal Treasury. The number of vouchers examined (under the 24 Heads of Revenue detailed in the table of the 1899-1900 year's Report) was 14,082, representing Rs. 49,403-15-11.

3.—Health Department.

The revenue books kept in the Health Office, as well as those kept in the three Divisional Health Offices, No. 1 to 3 Divisions, were duly checked each month with the receipts, vouchers and other papers supporting the entries therein, the object of the audit being to ascertain that the amounts collected as shown by the various books were at the rates fixed under due authority, and that they were all paid into the Municipal Treasury. The number of vouchers examined (under the 17 Heads of Revenue detailed in the table of 1899-1900 year's Report) was 26,081, representing Rs. 74,236-1-8.

4.—Licensing Department.

The number of Licenses for 1904-1905, the issue of which was sanctioned by you under Sections 394 and 393 of the Act, for the several purposes mentioned in Schedule M (*vide* Appendix G of the 1899-1900 year's Report) was 6,570 for Rs. 75,214-8-0 and each of the 6,570 cases passed through this office and was duly scrutinized, particularly with reference to the amount of fee leviable. The register of the Superintendent and the counterfoils of the several license Books were also checked with the Audit Note Book kept in this office in accordance with your No. 3176 of 29th May 1890, and with the counterfoils of the receipts given by the Chief Accountant's Cashier for the purpose of seeing that the full amount of fee leviable in each was collected and paid into the Municipal Treasury.

5.—Markets and Slaughter Houses.

The registers and accounts kept for the different Markets and Pandora Slaughter Houses were duly checked with the counterfoils of receipts issued to stall-holders, &c., and with the other vouchers available. The total number of vouchers examined (under the 29 Heads of Revenue detailed in the tables of the 1899-1900 year's Report) was 8,379, representing Rs. 4,45,436-0-8, which amount appeared duly credited into the Municipal Treasury.

6.—Victoria Gardens.

The revenue books kept in the Superintendent's Office were duly checked with the counterfoils of receipts issued for the sale of garden produce as well as with the counterfoils of tickets issued for the Elephant rides in the Victoria Gardens. The number of vouchers examined was 16,883, representing Rs. 10,769-12-2, which amount appeared duly credited into the Municipal Treasury.

7.—General.

As the monthly or quarterly audit of the several Departments proceeded, the errors, irregularities or omissions, which were discovered in the course of it, were brought to the notice of the Heads of Departments concerned by means of official communications addressed to them through you.

II.—REFUND.

I.—Assessment Department.

The number of claims to refund for vacancy under Sections 174 to 179 of the Act and on account of over-collections, which were scrutinized and sanctioned by this office in the year under report, was 1,975, representing Rs. 32,044-4-5.

II.—Town Duty Refunds.

As the Port Trustees and the two Railway Companies send in no Administration Reports of the Town Dues collected by them on behalf of the Municipality, it is usual for this office to submit the two statements (compiled in respect of collections from figures supplied by the

Chief Accountant) marked as Appendices D and E. to this report. The following table compares the total results for the year under report with those for the previous year :—

Year.	Gross Revenue.	Total Refunds.	Net Revenue.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1903-04	26,15,422 11 0	15,28,299 9 0	10,87,123 2 0
1904-05	29,52,381 8 8	14,45,600 10 0	15,06,780 14 8

The rates of duty on the several articles were the same as in the previous year.

The imports in the year under report were unusually heavy, showing an increase over the previous year under the head of each article, so that the gross collections are better than those of the preceding year by Rs. 3,36,958. But, contrary to what might at first sight be expected as a necessary concomitant of such a large influx of goods into a centre of through traffic such as Bombay is, the exports and consequently the refunds do not exhibit a corresponding high rate of increase. There is increase surely under every head except sugar and timber, but these increases do not in the aggregate amount to half the increase in the collections, while they are all more than compensated for by the unprecedentedly heavy falling-off of Rs. 2,22,884 in the refunds on sugar alone. The net result under refunds is thus a *decrease* of Rs. 82,698 which, coupled with the large increase in the collections referred to, has tended to swell the net revenue to the extent of Rs. 4,19,657, so that it stands at the unprecedentedly high figure of Rs. 15,06,780, the largest revenue ever realized from Town Duties. This happy result is in large measure the outcome of the Municipal check that has from the middle of the year under report been established over the certifying of exports at the two Railways. This check, notwithstanding certain drawbacks which detract from its effectiveness, has still had the effect of putting a stop to certain species of frauds, so that the exports having diminished so largely while the imports have leapt so high is not, as might at first sight be supposed, an indication of a morbid depression in the export trade, but rather of the fictitious character of the exports certified as of Town Duty goods in previous years, and of the greater genuineness of those of the year of report, so far as the exports from the stations where the check is established are concerned, *viz.*, the Wari Bunder and the Carnac Bridge stations. There is some reason to fear that the tendency to wrong-doing which has been so greatly curbed at these stations is now finding greater vent at the other places of export where no check has yet been placed, *viz.*, at the Docks and Bunders, and in course of time it may perhaps be found advisable to institute a similar supervision at these places too.

The number of refund claims dealt with in the year under report was 40,656 as against 41,247 in the previous year.

Conclusion.

In addition to the above, the office had to deal with correspondence of all Departments affecting revenue which passes through this office, and with questions of principles relating to revenue, the importance of which can be judged by the number of Inward and Outward references which were, respectively, 5,716 and 6,468 in the year under report.

I have the honor to be,

Sir,

Your most obedient servant,

S. B. MASTER,

Revenue and Refund Audit Officer.

Appendix A.

STATEMENT of Balances examined Quarterly during 1904-1905.

No. of Ward Clerks.	Ward.	Balances examined on 5th April 1904.		Balances examined on 1st July 1904.		Balances examined on 1st October 1904.		Balances examined on 4th January 1905.		Total Balance examined during the year.	
		No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.
			Rs. a. p.		Rs. a. p.		Rs a. p.		Rs. a. p.		Rs. a. p.
15	A—Fort and Colaba	1,594	70,606 11 7	5,396	4,64,411 12 0	1,817	75,657 12 0	4,545	4,50,675 3 0	13,252	10,61,351 6 7
11	B—Mandvi	1,263	80,162 11 5	4,7[illegible]	3,17,438 14 0	827	38,616 2 5	3,546	2,36,402 12 8	10,526	6,72,620 8 6
14	C—Bhuleshwar	1,681	76,103 13 9	4,4[illegible]	2,46,694 2 8	612	30,613 12 11	2,888	1,67,801 8 8	9,624	5,21,212 6 0
10	D—Girgaum	1,324	51,040 3 11	3,6[illegible]	1,81,781 7 5	789	27,592 11 8	1,973	96,111 15 11	7,729	3,50,526 6 11
13	E—Byculla	745	27,1[illegible]7 7 9	2,365	98,679 5 10	661	22,899 11 9	1,855	84,853 4 0	5,626	2,33,119 13 4
7	F—Parel	393	6,348 4 3	1,183	21,409 14 9	306	4,608 9 5	855	17,392 10 0	2,667	49,759 6 5
8	G—Mahim	820	9,009 4 0	2,849	35,820 11 6	743	7,831 2 2	2,267	33,714 15 2	6,679	86,376 0 10
78	Total ...	7,920	[illegible]0,458 8 8	24,519	13,66,236 4 2	5,755	2,07,318 14 4	17,969	10,30,952 5 5	56,103	29,74,966 0 7

Appendix B.

STATEMENT of Entries in the Vehicle and Animal Tax Book checked with the Quarterly Return and Forms VI and VIII.

Wards.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total No. of Entries.
A—Fort and Colaba ..	960	1,039	1,120	1,333	4,452
B—Mandvi	600	636	683	736	2,655
C—Bhuleshwar ...	862	1,036	1,043	1,108	4,049
D—Girgaum ...	1,188	1,243	1,342	1,468	5,241
E—Byculla	524	790	855	950	3,119
F—Parel	371	424	473	538	1,806
G—Mahim	265	291	310	348	1,214
Total ...	4,770	5,459	5,826	6,481	22,536

Appendix C.

STATEMENT of ⅓ Drawback Cases scrutinized during 1904-1905.

Wards.	1st half of 1904-1905.		2nd half of 1904-1905.		Total for the year.	
	No. of claims received.	No. of claims admitted.	No. of claims received.	No. of claims admitted.	No. of claims received.	No. of claims admitted.
A—Fort and Colaba ...	552	348	788	552	1,340	900
B—Mandvi	1,669	1,156	1,635	1,193	3,304	2,349
C—Bhuleshwar	2,009	1,439	2,189	1,539	4,198	2,978
D—Girgaum	773	426	794	449	1,567	875
E—Byculla	1,528	968	1,880	1,069	3,408	2,037
F—Parel	392	234	379	230	771	464
G—Mahim	440	244	469	291	909	535
Total ...	7,363	4,815	8,134	5,323	15,497	10,138

Appendix D.

STATEMENT contrasting the Collections, Refunds, and Net Revenue from Town Duties for the years 1903-1904 and 1904-1905.

Name of Article.	COLLECTION.				REFUNDS.								NET REVENUE.			
	1903-1904.	1904-1905.	Increase in 1904-1905.	Decrease in 1904-1905.	1903-1904.				1904-1905.				1903-1904.	1904-1905.	Increase in 1904-1905.	Decrease in 1904-1905.
					On account of Exports.	On account of Articles supplied to Steamboats.	Total.		On account of Exports.	On account of Articles supplied to Steamboats.	Total.					
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Ganja @ As. 4 per Gallon		5,61,694 0 0	1,67,753 7 0	1,57,459 7 0	....	8,09,542 12 0	....	8,09,542 12 0		4,31,513 0 0		4,31,513 0 0				
Flower @ As. 8 per Gallon		1,010 12 0	8,024 8 0	808 13 0	....	24,202 7 0	....	24,202 7 0		24,729 0 0		24,729 0 0	1,407 2 0	.....		
Sugar @ As. 8 per Gallon		12,71,775 8 0	1,15,545 14 0	1,20,581 6 0	....	12,24,807 8 0	8,242 12 0	12,33,050 8 0		9,91,275 0 0		9,91,275 0 0	2,82,884 12 0	1,94,775 7 0	2,87,875 8 0	9,92,884 8 0
Wines and Spirits @ As. 4 per Imp. Gallon		2,67,774 11 0	2,16,174 7 10	2,02,17 10	....	19,727 8 0	61 2 0	19,782 10 0		19,671 0 0		19,671 0 0	2,57,992 18 0	2,53,103 11 0	279 2 10	
Beer @ 4 pies per Imp. Gallon		6,917 2 0	31,252 2 0	12,240 0 0	....	20,240 0 0	....	20,240 0 0		24,831 10 0		24,831 10 0	6,917 2 0	10,004 8 0	4,110 8 0	
Rice @ As. 8 per 2½ lbs. Measure	....	....	....	....	2,205 7 0											
Do. @ As. 4 per 2½ lbs. Measure	2,47,021 2 0	1,77,105 2 0		69,916 0 0	69,116 0 0				47,794 1 0							
Total	2,49,979 0 0	2,77,758 2 1	17,110 10 0				30,000 12 0				47,797 1 0		2,12,197 0 0	2,29,956 3 2	9,921 11 0	
Tannery @ 2½ per cent. on Market Value	1,83,748 4 0	1,97,686 6 0	13,741 10 0		22,222 8 0	....	22,222 8 0		22,222 8 0		22,222 8 0		1,61,525 12 0	1,75,463 14 0	13,937 10 0	
Firewood @ Anna 1 per Cart	36,926 14 0	38,634 15 0	707 13 0										36,926 14 0	38,634 15 0	707 13 0	
													1,40,000 12 0	2,27,000 12 0		
														1,87,000 12 0		
Total Rs.	95,13,422 13 0	95,19,201 6 0	5,91,010 12 0		21,21,010 12 0	3,205 12 0	21,24,216 8 0		14,41,696 12 0		24,16,696 12 0		23,09,205 13 0	18,97,226 9 0	11,06,740 14 0	4,21,007 12 0

Appendix E.

STATEMENT contrasting the Imports, Exports and Balances of the several Articles subjected to Town Duty during the years 1904-1905 with those of 1903-1904.

Name of Article.	IMPORTS.				EXPORTS AND SUPPLY TO GOVERNMENT BY CONTRACTORS.						BALANCE (LOCAL CONSUMPTION AND STOCKS).			
	1903-1904.	1904-1905.	Increase in 1904-1905.	Decrease in 1904-1905.	1903-1904.			1904-1905.			1903-1904.	1904-1905.	Increase in 1904-1905.	Decrease in 1904-1905.
					Exports.	Supplied to Government.	Total.	Exports.	Supplied to Government.	Total.	Increase in 1904-1905.	Decrease in 1904-1905.					
Grain @ As. 4 per Candy ..... Candies,	..	32,39,776	39,59,611	6,19,835			32,34,582	..		31,39,842	17,29,479		17,29,479	4,95,049	..	1,49,100	20,60,950	1,49,918	....
Flour @ As. 2 per Candy ..... "		7,044	11,351	4,307			1,79,450	..		1,39,450	1,37,579		1,37,579	7,879	..				
Sugar @ As. 8 per Cwt..... Cwts.		25,80,243	28,33,366	2,53,123			11,99,519	13,85		31,76,420	17,57,791		17,57,791	..	4,49,743	2,77,521	10,71,141	6,93,619	....
Wines and Spirits @ As. 4 per Imp. Gallon ..... Gallons.		15,57,760	16,72,894	5,931			62,330	134		62,353	67,406		67,406	4,435	..	29,84,043	19,58,514	1,371	....
Beer @ 6 pice per Imp. Gallon... "		11,34,379	15,34,859	4,00,841			2,70,246	..		2,70,668	11,14,813		11,14,813	1,43,729	..	2,63,262	6,54,201	3,90,913	....
Betel @ As. 8 per B'dary Md. ....Maunds.	..	..			8,316														
Do. 10 per do. "	4,16,900		4,60,276		10,722				78,478										
Total Maunds....	4,16,900		4,43,572	27,413	82,943				78,478		70,478		70,478	13,936	..	3,30,016	3,68,985	12,077	....
Timber @ 5½ per cent. ad Valorem value			87,15,611	8,60,889			9,25,989			9,23,130	9,24,620		9,24,620		28,860	11,71,155	23,12,791	6,58,216	....
Firewood @ Anna 1 per Candy, Candies,		3,77,070	3,90,194	13,124				..		..	..		..		..	3,77,070	3,90,194	13,124	....

PUBLIC WORKS.

A.—Introductory Remarks ..... Page 112
B.—New Works, General ..... „ 113 to 120
C.—Special Drainage Works ..... „ 121 to 123
D.—Ordinary Drainage Works ..... „ 124 to 126
E.—Water Works (including the work done by the Special Officer and his staff) ..... „ 127 to 131
F.—Regulation of Streets and Buildings ..... „ 132 to 133
G.—Roads, Footpaths, &c. ..... „ 134 to 135
H.—Public Lighting ..... „ 136 to 137
I.—Workshops & Pumping, Compressor and Ejector Stations. „ 138 to 143
J.—General—Bills, Notices and Correspondence, Summary of Clerical Work, Plague Operations, and Municipal Servants' Act ..... „ 144 to 149
K.—Fire Brigade ..... „ 150 to 152
L.—Gardens ..... „ 153 to 159
M.—Victoria and Albert Museum ..... „ 161 to 163

Note.—The Report on Public Works—A to J—is by Joseph Hall, Esq., M.Inst.C.E., M.I.Mech.E., &c., Executive Engineer, Municipality, forwarded with his letter No. 2590-G, dated 5th June 1905.

The Report on Fire Brigade—K—is by W. Nicholls, Esq., Chief Officer of the Fire Brigade, forwarded with his letter No. 165, dated 13th May 1905.

The Report on Gardens—L—is by C. D. Mahaluxmiwala, Esq., Superintendent of Municipal Gardens, forwarded with his letter No. 479, dated 17th May 1905.

The Report on Victoria and Albert Museum—M—is by the Secretary and Curator, forwarded with his letter No. 56, dated 12th May 1905.

No. 2590-G of 1905-06.

Executive Engineer's Office,
Bombay, *5th June* 1905.

To

The Municipal Commissioner
for the City of Bombay.

Sir,

I have the honor to forward herewith the Administration Report of the Department under my control for the year 1904-05 as requested in your No. 376, dated the 5th April 1905.

2. The Report is divided under the following heads :—

	Paras.
A—Introductory Remarks	3 to 16
B—New Works, &c., General	17 to 43
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G—Roads, Footpaths, &c.	162 to 176
H—Public Lighting	177 to 191
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A.

INTRODUCTORY REMARKS.

ESTABLISHMENT.

3. I held the appointment of the Executive Engineer, Municipality, throughout the year and was assisted by the following Officers in conducting the duties of the different Branches of this Department :—

4. Mr. C. CARKEET JAMES, M.I.C.E., Deputy Executive Engineer, Drainage, Special Branch, assisted by Mr. DINSHAW DADABHAI DARUWALA, L.C.E., M. San. I., was in charge of the Special Drainage Works.

5. Mr. NICHOLAS MAUGHAN, A.M.I.C.E., was in charge of the Ordinary Drainage Works.

6. Mr. A. FAIRLIE BRUCE, M.I.C.E., Deputy Executive Engineer, Water Works, assisted by Mr. NASSARWANJI DORABJI BHADA, L.C.E., A.M.I.C.E., Assistant Engineer, Water Works, was in charge of the Water Branch.

7. Mr. BRUCE having been granted nine months' leave on full pay from the 18th February 1905, handed over to me the charge of his duties on that day and Mr. ARTHUR E. SHERRING, C.E., Deputy Executive Engineer, Water Works, Special Branch, has been appointed to conduct Mr. BRUCE'S duties in addition to his own from 28th February 1905.

8. The New Works in restoring the tunnel at Tulsi and the completion of the additional Reservoirs and Filters at Malabar Hill were being executed under my own direction from the date of Mr. BRUCE'S departure on leave.

9. Mr. BHADA was allowed one month and thirty days' privilege leave from 13th July to 11th September 1904.

10. Mr. B. H. HEWETT, A.M.I.C.E., Assistant Engineer, was in charge of the Mechanical Branch, and supervised the working, repair and maintenance of the Love Grove Pumping Station, the Air Compressor Stations at Love Grove and Colaba, the Municipal Workshops and the Electric Light Installation, &c.

11. Mr. KAIKHASHRU PESTANJI BHEDWAR, L.C.E., *sub. pro-tem.* Assistant Engineer, General Branch, was in charge of the Road Branch. He also assisted me in framing reports and supervising the New Works in the General Branch of this Department.

12. Messrs. JAMSHEDJI DADABHAI NADIRSHAH, L.C.E., NAVROJI HORMASJI KATRAK, L.C.E., and HARI BHIKAJI BHANDARE, L.C.E., Divisional Superintendents, assisted me in matters connected with Streets and Buildings.

13. Mr. NADIRSHAH has been allowed to retire on pension from 31st July 1904 and Mr. FRAMJI JAMSHEDJI BILIA, L.C.E., has been appointed third Divisional Superintendent from that date.

14. Mr. KATRAK has been allowed three months' privilege leave in combination with six months' sick leave from 1st March 1905 and Mr. RAMCHANDRA BHIKAJI BHANDARE has been appointed to act in his place.

15. Mr. GOVINDRAM DULLABHRAM, Architectural Surveyor, was in charge of the Architectural and Drawing Branches. He supervised the preparation of plans and estimates and superintended the construction of new buildings, and the maintenance of existing ones. He also assisted me in executing works carried out by the General Branch in connection with the erection of temporary camps and other measures for the suppression of Plague.

16. Mr. ARDESHAR KAWASJI DADACHANJI, L.C.E., Special Assistant Engineer, was in charge of the House Improvement Branch under the Epidemic Diseases Act.

B.

NEW WORKS, &c.

17. Subjoined is a list of new works, each costing over Rs. 3,000. They are divided as follows :—

(*a*) Those completed during the previous years, the accounts of which were adjusted during the year under report ; (*b*) those which were in progress at the beginning of the year under report and completed during the year ; (*c*) those which were commenced and completed during the year ; (*d*) those which were commenced but not completed during the year ; and (*e*) those which have been sanctioned but not proceeded with or postponed for want of funds or other reasons.

LIST of New Works, each costing over Rs. 3,000.

Consecutive Number.	Description of Work, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1905.	Actual or probable dates of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMPLETED DURING THE PREVIOUS YEARS, THE ACCOUNTS OF WHICH WERE ADJUSTED DURING THE YEAR UNDER REPORT.				
	Roads.				
1	Roads and streets in Agripada and elsewhere for roads, streets and frontages ... ... Rs. 24,50,000 For storm-water drains in Morland, Souter and Club Roads and Gilder Street ... ... „ 1,28,288	25,78,288 0 0	24,18,636 0 7	.....	
	Miscellaneous.				
2	Additional burial ground at Narielwady..	1,75,000 0 0	1,60,36[illegible] 8 9	.....	
	Drainage, Special.				
3	Ovoiding and regrading the open road-side drain in Umerkhadi Road ...	4,991 0 0	3,119 0 11	.....	
4	Ovoiding and regrading the open road-side drain in Imamwada Road from Parel Road to Jail Road north ...	3,116 0 0	2,030 4 4	.....	
5	Zinc vent-shafts on pipe sewers in the Fort Sewerage District (2nd batch) ...	5,000 0 0	3,191 6 3	.....	
6	Storm-water drains in part of Gilder Street and Foras Road from Grant Road to Falkland Road	16,213 0 0	10,781 14 10	.....	
	Drainage, Ordinary.				
7	Remodelling house gullies in Kamatipura	19,196 0 0	17,654 4 5	.....	
8	Construction of permanent manholes over drains	8,000 0 0	6,294 10 6	.....	

New Works, &c.—*(continued)*.

Consecutive Number.	Description of Work, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1905.	Actual or probable dates of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS IN PROGRESS AT THE BEGINNING OF THE YEAR UNDER REPORT AND COMPLETED DURING THE YEAR.				
	Buildings.				
9	Construction at the Gowalia Tank Fire Brigade Station of quarters for the lascars of the Fire Brigade of the Malabar Hill Station and for the chaukidar of the Gowalia Tank Station and a cook-room and store-room for the foreman of the Gowalia Tank Station	10,974 0 0	8,983 1 10	.....	
	Miscellaneous.				
10	Paving Cab-stands (1903-04)	6,004 4 11	4,115 0 9	.....	
11	Levelling and metalling the fair ground at the Bandra Slaughter Houses ...	18,077 0 0	12,212 6 3	.....	
	Drainage, Special.				
12	Ovoiding kutcha drains to the east and west sides of Arthur Road from Parel Road as far as the G. I. P. Railway Crossing	7,048 0 0	4,394 1 2	.....	
13	Slab drains 18″×18″ in Store Lane and Homji Street...	3,610 0 0	2,557 2 6	.....	
14	Ovoiding the side drain in the north of the Kalachauki Road	4,771 0 0	2,598 14 3	.....	
15	Works in connection with the storm-water drain running to the west of the G. I. P. Railway Dadar Station ...	7,219 0 0	7,015 15 7	.....	
	Drainage, Ordinary.				
16	Latrines and urinals in the City (1903-04)	12,000 0 0	8,566 11 6	.....	
	Water Works.				
17	Asphalting filter beds Nos. 3, 4 and 6 of the Bhandarwada Reservoir ...	16,648 0 0	10,489 15 10	.....	
	WORKS COMMENCED AND COMPLETED DURING THE YEAR.				
	Buildings.				
18	Construction of a chauki for the new appointed Drainage Inspector and his Staff	6,992 0 0	6,168 12 7	.....	
	Miscellaneous.				
19	Constructing a masonry wall on two sides of the Tank Bandar Hindu Burning ground...	6,554 0 0	5,822 14 0	.....	

New Works, &c.—(*continued*).

Consecutive Number.	Description of Work, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure upto the end of March 1905.	Actual or probable dates of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMMENCED AND COMPLETED DURING THE YEAR—*contd.*				
	Miscellaneous—contd.				
20	Renewing the corrugated iron sheets over the roof of the Arthur Crawford Markets (1904-05)	5,000 0 0	3,808 12 0	.....	
	WORKS COMMENCED BUT NOT COMPLETED OR COMPLETED AND ACCOUNTS NOT CLOSED DURING THE YEAR.				
	Buildings.				
21	Constructing a chal of 52 rooms at the Bandra Slaughter Houses	37,000 0 0	.....	119 2 0	21st Sept. 1905.
22	Providing living and other accommodation at the Gowalia Tank Road, Babula Tank, Chinchpokli and Sankli Tank Fire Brigade Stations	14,000 0 0	.....	337 8 0	2nd March 1905.
23	Health Department Bullock Stables and quarters for sweepers in Ward E, Agripada	1,50,000 0 0	.....	95,938 14 9	30th Sept. 1904.
24	Providing accommodation, &c., for the general stores at Chinchpokli ...	40,810 10 10	.....	24,522 11 2	13th March 1905.
25	Construction of a coal shed and fencing at the Lowe Grove Air Compressor Station	13,431 0 0	.....	8,700 1 9	28th Feb. 1905.
	Roads.				
26	Construction of Reay Road from Wari Bandar to Gunpowder Road, Mazgaon ... ... Rs. 7,30,000 Victoria Road Extension ... ... „ 36,200 Burial Ground for Mahomedans and Beni-Israels ... „ 2,41,952 To be paid by the Municipality ... Rs. 8,51,652 To be paid by the Port Trust. Rs. 1,56,500	10,08,152 0 0	.....	6,61,130 13 10	
	Miscellaneous.				
27	Railway sidings, platforms, &c., to carry town sweepings to Deonar.	8,44,000 0 0	.....	8,18,640 4 5	
28	Burning and Burial Ground at Mahim...	30,774 0 0	.....	26,911 13 2	
29	Burning and Burial Ground at Warli ...	29,373 0 0	.....	17,805 5 0	
30	Paving the Chaupati footpath with blue stone and placing 20 additional benches thereon	21,480 0 0	.....	13,522 0 10	29th March 1905.
31	Paving dust-bin cart stands (1904-05)....	10,000 0 0	.....	549 3 6	9th July 1905.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Work, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure upto the end of March 1905.	Actual or probable date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMMENCED BUT NOT COMPLETED OR COMPLETED AND ACCOUNTS NOT CLOSED DURING THE YEAR—*contd.*				
	Miscellaneous—contd.				
32	Paving cab-stands (1904-05)	5,000 0 0	.....	.....	6th July 1905.
33	Providing shelters for keeping hearses and vans	3,050 0 0	.....	636 14 2	
	Drainage, Special.				
34	Sewerage of Malabar Hill District (Sectional)	7,71,190 0 0	.....	33,219 1 0	27th Sept. 1906
35	Filling in Gilder Tank	22,000 0 0	.....	211 1 0	17th August 1905.
36	Extension of the 15″ sealed sewage main in Fergusson Road from the culvert to Warli Road	11,333 0 0	.....	4,176 0 5	18th May 1905.
37	Vent shafts on pipe sewers in the Fort Sewerage District	5,646 0 0	.....	4,569 15 9	17th March 1905.
38	Low-level Channel from Tardeo Flats to Warli Point	13,72,120 0 0	.....	6,93,249 2 3	5th March 1906.
39	Sewerage of Parel District (Sectional) ...	5,60,759 3 8	.....	4,65,819 5 10	31st May 1903.
40	Sewerage of Fergusson Road and Chinchpokli Sectional District	2,80,054 8 1	.....	2,42,713 11 0	1st May 1903.
41	Sewerage of Colaba (on Shone System)...	8,64,484 14 4	.....	8,10,736 13 9	1st May 1895.
42	Sewerage of Umarkhadi	3,68,786 5 9	.....	3,56,589 1 0	8th August 1895.
	Drainage, Ordinary.				
43	Construction of permanent manholes over drains	16,009 0 0	.....	1,013 3 8	Feb. 1906.
44	Completion of house drainage connections in different parts of the City.	10,70,356 0 0	.....	5,53,946 9 7	
45	Construction of a night-soil depôt of two hoppers at Bamnoli	9,214 0 0	.....	6,813 10 6	18th Nov. 1904.
46	Construction of a catch-pit on the Queen's Road ovoid sewer in Charni Road ...	6,206 0 0	.....	1,376 14 0	Feb. 1906.
47	Opening and examining the 12″ pipe sewer in Colaba Road and repairing it wherever necessary	10,000 0 0	.....	2,986 7 7	Feb. 1906.
	Water Works.				
48	Renewal of 32″ Vehar Main, south of Coorla	6,84,934 0 0	.....	3,14,517 0 7	25th Nov. 1905.
49	15″ Water main from 24″ main in Bhoiwada to Elphinstone Road as far as New Parbhadevi Road and thence a 9″ main to the Century Mill ...	60,510 0 0	.....	44,772 2 1	31st Oct. 1905.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Work, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure upto the end of March 1905.	Actual or probable dates of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMMENCED BUT NOT COMPLETED OR COMPLETED AND ACCOUNTS NOT CLOSED DURING THE YEAR—*contd.*				
	Water Works—contd.				
50	4″ main in new street near Lohar Chal	3,500 0 0	.....	1,253 3 4	31st Oct. 1905.
51	Construction of additional filters with a roof covering at the Malabar Hill Reservoir	2,93,330 0 0	.....	1,34,975 12 6	31st May 1905.
52	Renewing 3″ service mains in B Ward with 4″ pipes	78,407 0 0	.....	4,474 8 2	30th June 1905.
53	Improvement of the Outlet Towers at Vehar and Tulsi	12,593 0 0	.....	10,002 3 1	30th June 1905.
54	Laying 4″ C.I. main along the existing Wodehouse Bridge Road and the new road under construction between that road and Colaba Causeway	5,240 0 0	.....	2,426 2 11	
55	Purchasing and fixing new pattern hydrants	85,000 0 0	.....	72,837 11 1	31st May 1905.
56	4″ main in Khara Talao Road ...	3,950 0 0	.....	2,774 11 7	30th Nov. 1905.
57	Repairs to a collapse of a portion of the Tulsi Outlet Tunnel...	12,766 0 0	.....	6,272 15 6	31st Mar. 1905.
	WORKS SANCTIONED BUT NOT PROCEEDED WITH OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS.				
	Buildings.				
58	New market at Chaupati	17,000 0 0	.....	63 0 0	
59	Construction of quarters for workmen at the Love Grove Air Compressor Station, including purchase of land and an old chal	23,000 0 0	.....	.....	
60	Construction of quarters for B Ward Halalkhors	1,25,710 0 0	.....	.....	
61	Construction of a temporary market for squatters in Kazi Sayad Street, west of Masjid Station	3,000 0 0	.....	.....	
62	Construction of permanent quarters for the Tardeo Flats Bigaris	27,000 0 0	.....	.....	
63	Construction of lethal chambers near the existing slaughtering shed at the Bandra Slaughter Houses	8,056 0 0	.....	.....	
	Drainage, Special.				
64	Cutting out rocky barriers in the channel at Love Grove	16,914 0 0	.....	116 6 0	

New Works, &c.—(*concluded*).

Consecutive Number.	Description of Work, &c.	Sanctioned grant.	Expenditure on completion.	Expenditure upto the end of March 1905.	Actual or probable dates of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS SANCTIONED BUT NOT PROCEEDED WITH OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS—*contd.*				
	Drainage, Ordinary.				
65	Latrines and urinals in different parts of the City (1904-05)	62,163 0 0	.....	427 0 0	
66	Walkeshwar latrines	7,110 0 0	.....	1,801 12 8	
	Water Works.				
67	C. I. main to Sewri Cemetery Road from Ghorupdeo Road *via* Jakaria Bandar Road, 12″ for 5,080 feet and 4″ for 1,359 feet	38,981 0 0	.....	82 0 0	
68	Main along Kalachauki Road from Parel Road to Ghorupdeo Road and along Reay Road from Kalachauki Road to Bhandarwada Reservoir ...	1,38,000 0 0	.....	87 4 0	
69	9″ main connected at one end with the Bhandarwada Reservoir and the other with the Sewri Road 12″ main and supplemented midway by a 9″ service main down Connaught Road	60,000 0 0	.....	.....	
70	Steel mains from 48″ Tansa main at Chinchpokli to Grant Road and 32″ main from Grant Road to Malabar Hill.	2,10,000 0 0	.....	.....	
71	32″ Outlet mains from Malabar Hill to Chaupati	30,000 0 0	.....	.....	
72	9″ and 10″ pipe from Grant Road to Kamatipura	13,000 0 0	.....	.....	
73	Distribution mains in Tardeo and Gamdevi Roads	9,870 0 0	.....	.....	
74	Replacing 32″ Vehar pipe for 1½ miles by 48″ steel mains	3,25,000 0 0	.....	2,051 6 9	
75	Laying 6″ main from 18″ main in Esplanade Road and connecting it with the 16″ main in Hornby Road ...	10,130 0 0	.....	.....	
76	9″ × 4″ main in the new roads in the Agripada District	51,874 0 0	.....	.....	
77	Main in the 1st Nagpada Scheme ...	8,412 0 0	.....	43 9 0	
78	Painting the rafters of the Malabar Hill Reservoir	9,600 0 0	.....	29 11 7	
79	Renewal of existing mains	3,75,000 0 0	.....	26,517 3 9	
80	Replacing the Vehar main for the whole distance between Coorla and Vehar	6,96,500 0 0	.....	.....	

NEW WORKS.

Renewing the corrugated iron sheets over the roof of Beef Market in the Arthur Crawford Markets.

18. A grant of Rs. 5,000 was sanctioned for the work in the Budget for 1904-05. Tenders were invited for the work, and that of Mr. Abdul Kadar Hiptoolabhai being the lowest of the three tenders received, was accepted by the Municipal Commissioner under his No. 15320 of 12th August 1904.

19. Order to commence the work was issued on 20th October 1904, and it was completed within the contract time at a total cost of Rs. 3,808-12-0.

Paving Cab-stands.

20. The work of paving cab-stands sanctioned in the Budget for 1903-04, and referred to in the last year's Administration Report, was completed at a total cost of Rs. 4,115-0-9.

21. Tenders were invited for similar work sanctioned in the Budget for 1904-05, and that of Messrs. Isufali Abdulali & Co. being the lowest of the three tenders received, was accepted by the Commissioner under his No. 31878 of 6th January 1905.

22. Orders were given to the Contractors on the 7th March 1905 to proceed with the work, and it was in progress at the end of the year under report.

Constructing Quarters for Sweepers and Stables for Bullocks of the Health Department at Agripada.

23. This work which is referred to in the last year's Administration Report was completed in August 1904. The accounts for the work were not adjusted upto the 31st March 1905, as the Contractors disputed certain measurements in respect of the same.

Levelling and metalling the Fair Ground at Bandra Slaughter Houses.

24. This work which is referred to in the last year's Administration Report was completed at a total cost of Rs. 12,212-6-3.

Constructing Laskars' and Chaukidars' quarters and a cook-room at Gowalia Tank Fire Brigade Station.

25. This work which is referred to in the last year's Administration Report was completed at a total cost of Rs. 8,983-1-10.

Paving Dust-bin Cart-stands.

26. A grant of Rs. 10,000 was sanctioned for this work in the Budget for 1904-05. Tenders were invited, and that of Messrs. Ramji Keshavji and Purshotam Dosa & Co. being the lowest of the four tenders received, was accepted by the Standing Committee under their Resolution No. 4303 of 4th January 1905.

27. Order to commence the work was issued on 10th February 1905, and it was in progress at the end of the year under report.

28. The total expenditure on the work up to the 31st of March 1905 amounted to Rs. 549-3 6.

Constructing a Masonry Wall on two sides of the Tank Bandar Hindoo Burning Ground.

29. A grant of Rs. 6,554 was sanctioned in the Budget for 1904-05. Tenders were invited for the work, and that of Messrs. Isufali Abdulali & Co. being the only tender received, was accepted by the Standing Committee under their Resolution No. 2458 of 31st August 1904.

30. Order to commence the work was issued on 13th October 1904, and it was completed within the contract time at a total cost of Rs. 5,822-14-0.

Providing shelters for keeping Hearses and Vans.

31. A grant of Rs. 3,050 was sanctioned in the Budget for 1904-05 for this work and the shelters were intended to be constructed at Paltan Road Stables, Foras Road Stables, Guzar Street Stables and Dadar Stables, but the sites selected for the work at Paltan Road, Guzar Street and Dadar Stables being under dispute, the shelter at Foras Road Stables only was constructed through the agency of the Annual Repairs and Petty Work Contractors at a total cost of Rs. 636-14-2.

Construction of a Chauki for the accommodation of the Drainage Staff, &c., at Chinchpokli.

32. A grant of Rs. 6,992 was sanctioned under the Corporation Resolution No. 3059 of 12th November 1903. Tenders were invited for the work, and that of Messrs. M. Roushan and Ramji Keshavji & Co. being the lower of the two tenders received, was accepted by the Standing Committee under their Resolution No. 5007 of 16th March 1904.

33. Order to commence the work was issued on 8th August 1904, and it was completed at a total cost of Rs. 6,168-12-7.

Construction of a coal shed and fence round the compound of the Love Grove Air Compressor Station.

34. Tenders for the work were invited, and that of Messrs. Tribhowandas Lavji and Lavji Harkha being the lower of the two tenders received, was accepted by the Standing Committee under their Resolution No. 2888 of 30th September 1904.

35. Order to commence the work was issued on 29th October 1904, and it was completed within the contract time. The total expenditure on the work amounted to Rs. 10,457-1-6.

Providing living and other accommodation at the Gowalia Tank, Babula Tank, Chinchpokli and Sankli Tank Fire Brigade Stations.

36. Tenders were invited for this work, and that of Messrs. M. Roushan and Ramji Keshavji & Co. being the only tender received, was accepted by the Standing Committee under their Resolution No. 2524 of 7th September 1904.

37. Order to commence the work was issued on 3rd November 1904, and it was in progress at the end of the year.

Constructing a chal of 52 rooms for the Butchers at Bandra Slaughter Houses.

38. Tenders were invited for this work, and that of Messrs. Dosabhai Nasarwanji and Shapurji Tomulji Patel being the lower of the two tenders received, was accepted by the Standing Committee under their Resolution No. 3688 of 23rd November 1904.

39. Order to commence the work was issued on 22nd March 1905, and it was in progress at the end of the year.

Providing accommodation for the Central Stores.

40. The following works were executed out of the grant of Rs. 39,300, which was sanctioned for the same in the Budget for 1904-05 :—

(1) *Construction of Central Stores Building.*

Tenders were invited for this work, and that of Messrs. M. Roushan and Ramji Keshavji & Co., being the lowest of the three tenders received, was accepted by the Standing Committee under their Resolution No. 475 of 25th April 1904.

Order to commence the work was issued on 17th May 1904, and it was completed within the contract time at a total cost of Rs. 20,963-14-0.

(2) *Constructing quarters and out-houses for the Storekeeper at Chinchpokli.*

Tenders were invited for the work, and that of Messrs. M. Roushan and Ramji Keshavji & Co., being the lower of the two tenders received, was accepted by the Standing Committee under their Resolution No. 2523 of 7th September 1904.

Order to commence the work was issued on 3rd November 1904, and it was in progress at the close of the year.

The total expenditure passed up to 31st March 1905 was Rs. 3,503-8-4.

(3) *Providing wooden racks for Block No. 1 of the Central Stores.*

Tenders were invited for the work, and that of Messrs. M. Roushan and Ramji Keshavji & Co. being the only tender received, was accepted by the Standing Committee under their Resolution No. 3423 of 11th January 1905.

Order to commence the work was issued on 21st February 1905, and it was completed at the end of the year when the final bill for the same was under preparation.

Disposal of Town Sweepings in the City.

41. No new work was executed during the year under review in connection with the Coorla Deonar Railway, except the construction of three shift sidings which form part of the maintenance of the Railway line.

42. The unloading of the kutchra trains and the reclaiming operations with the staff for the same were transferred from the Health to the Engineering Department from 1st June 1904, *vide* Corporation Resolution No. 80, dated the 11th April 1904.

43. The area reclaimed during the year was 13½ acres, and the total area reclaimed up to the end of the year was about 75 acres.

C

DRAINAGE WORKS, SPECIAL BRANCH.

Colaba and Umarkhadi Sewerage Works.

CONTRACTORS.—MESSRS. BULKLEY & Co.

44. The Municipal Solicitors, under instructions from the Municipal Commissioner, are in communication with their Agents in London with a view to find the whereabouts of Mr. Bulkley and to recover, if possible, the money decreed by the Court against the Contractors.

FERGUSSON ROAD AND CHINCHPOKLI SEWERAGE WORKS.

45. It was reported in the last year's Administration Report that the whole of the works were finished in the year then under report, but that Messrs. Deoram Keshavji & Co., the Contractors for laying pipe-sewers with manholes and flush-tanks, had not submitted their final bill. This has not yet been submitted by the Contractors and unless *this* is done, they cannot be paid, under the terms of the Contract, the money due to them. A bill, however, showing the work actually done by them has been forwarded to the Chief Accountant for adjustment.

VENT SHAFTS ON PIPE SEWERS IN THE FORT DISTRICT.
(3RD BATCH.)

46. Tenders for the work were invited on the 17th November 1904. Only one tender from Messrs. Athavale Vaidya & Co. was received, and as it was lower than the office estimate it was accepted by the Commissioner under his No. 27402, dated 30th November 1904. The amount of the tender, inclusive of the cost of the Municipal supervising establishment, was Rs. 4,643-1-2, against the office estimate of Rs. 4,813-9-4 plus Rs. 213 for road repairs and Rs. 181 for contingencies. The work was commenced on the 19th December 1904 and completed on the 16th March 1905, three days before the completion of the contract period.

47. The total expenditure on the work up to the end of the year was Rs. 4,573-13-8.

OVOIDING AND REGRADING THE OPEN ROAD-SIDE DRAINS IN UMARKHADI ROAD.

48. It was mentioned in the last year's report that the work was completed on the 5th February 1904, and that the total expenditure up to the end of the year 1903-04 was Rs. 3,117-2-11. There was a small further expenditure of Rs. 1-14-0 during the year under report, bringing the total expenditure upto the end of the year to Rs. 3,119-0-11.

SCHEME FOR SUB-SOIL AND SURFACE DRAINAGE.

49. Both the Contractors, *viz.*, Messrs. Teju Kaya & Co. for the 1st portion of the work and Messrs. Allimahomed Kasam & Co. for the 2nd portion, continued during the year under report to push forward their respective works as vigorously and satisfactorily as in the previous year, and the expectations expressed in the previous year's report that the works would be finished long before the respective contract dates for completion will be realized. In fact the new sluices and the channels will be used in the coming rains for discharge of the storm-water. The old sluices have already been blocked on the land-side.

50. Several plots of land have been acquired by amicable settlement and some under the Land Acquisition Act. Other lands still remain to be acquired, negotiations for the purchase of which are still in progress.

51. The total expenditure on the above works up to the end of the year amounted to Rs. 7,71,348-10-11.

SLAB DRAIN 18″ × 18″ IN STORE LANE AND HOMJI STREET.

52. As anticipated in the last year's report, the work was completed nearly six weeks before the contract date for completion, which was 11th June 1904. The work was finished on the 30th April 1904.

53. The total expenditure to the end of the year was Rs. 2,557-2-6.

WORKS IN CONNECTION WITH THE STORM-WATER DRAIN RUNNING TO THE WEST OF THE G. I. P. RAILWAY DADAR STATION.

54. It was mentioned in the last year's report that the work was proceeding satisfactorily and that the contract date for the completion of the work was the 11th June 1904. The work since then was continued vigorously and was finished within the contract period.

55. The total expenditure on the work up to the end of the year was Rs. 7,015-15-7.

OVOIDING THE SIDE-DRAIN TO THE NORTH OF KALACHAUKI ROAD.

56. The work was completed on the 11th May 1904, which, as stated in the last year's report, was the contract date for the completion of the work.

57. The total expenditure on the work up to the end of the year was Rs. 2,600-4-3.

OVOIDING SIDE-DRAINS TO THE EAST AND WEST SIDES OF ARTHUR ROAD FROM PAREL ROAD AS FAR AS THE G. I. P. RAILWAY CROSSING.

58. As stated in the last year's report, the contract date for the completion of the work was 11th May 1904, but as certain house drains and fittings were found to be interfering with the reconstruction of the side-drain and had consequently to be diverted by the house owners, the work could not be finished until the 17th September 1904. The extra time was allowed by the Commissioner to the Contractors without any penalty, as the delay was solely due to the above cause.

59. The total expenditure on this work up to the end of the year was Rs. 4,947-8-4.

MALABAR HILL SECTIONAL SEWERAGE WORKS.

(Sub-District No. 1.)

60. It was stated in the last report that a contract was entered into with Messrs. Richardson and Cruddas for the supply of the stoneware pipes, and junctions required for the work, and that according to the contract, the whole of the supply was to be completed before the 15th March 1904. The Contractors have not yet completed the full supply as a large number of pipes were rejected on account of their not satisfying the absorbtion test laid down in the specification. The Contractors have applied to the Commissioner for a relaxation of the test, on the ground that it is difficult to manufacture all the pipes so as to satisfy this particular requirement. As the concession asked for involves a deviation from the contract, the matter, it is understood, will shortly be placed before the Standing Committee.

61. As stated in the last report, the contract for the supply of C. I. manhole covers, frames and steps required for the work was let to Messrs. Sorabji Shapurji & Co. who completed the whole of the supply within the contract period.

62. It was also mentioned in the last year's report that tenders for the execution of the work would be invited shortly. As, however, certain important changes were contemplated to be made in the draft contract, and as the same had to be referred to the Municipal Solicitors, it was not until the 5th of December 1904, that tenders were invited for the work. The tender of Messrs. Teju Kaya & Co. being the lower of the two tenders received for the work, was accepted by the Standing Committee under their Resolution No. 4198, dated 21st December 1904. The amount of the tender, inclusive of the cost of the Municipal supervising establishment, was Rs. 2,64,544-14-2 against the office estimate of Rs. 2,75,305-12-0 *plus* Rs. 12,041-4-0 for road repairs and Rs. 23,673 for contingencies. The contract was signed on the 27th January 1905 and the work commenced the next day. The contract date for the completion of the work is 27th September 1906. The work, however, has been pushed forward in this fair season with such vigour that it is expected to be completed long before the above date. After the work was commenced it was found that it would be advisable both on financial and other grounds to shift the site of the biological installation about 1,000 feet to the south of the original position which was to be on the western foreshore opposite the Narayan Dabholkar Cross Lane. As it was necessary to apprise the Government of the alteration, the Commissioner has addressed them in the matter. In the meantime, as already stated, the work of laying the pipe sewers and the construction of the manholes is proceeding.

63. The total expenditure on the work up to the end of the year was Rs. 33,396-2-6.

(Sub-Districts Nos. 2 and 3.)

64. The Committee of the Corporation appointed to report on the proposals for these districts, as finally approved of by Mr. J. Midgley Taylor, have recommended to the Corporation the adoption of these proposals and this report will shortly be considered by the Corporation.

EXTENSION OF THE 15" SEALED SEWAGE MAIN IN FERGUSSON ROAD FROM THE CULVERT TO WARLI ROAD.

65. Tenders for the work were invited on the 3rd October 1904. The tender of Messrs. Isufali Abdulali & Co. being the lower of the two tenders received, was accepted by the Standing Committee under their Resolution No. 3200, dated 12th October 1904. The

amount of the tender, inclusive of the cost of the Municipal supervising establishment, was Rs. 10,664-8-0 against the office estimate of Rs. 10,352 *plus* Rs. 562-8-0 for road repairs and Rs. 418-8-0 for contingencies. The tender being higher than the office estimate by Rs. 312-8-0, the excess was sanctioned to be met out of the amount of Rs. 418-8-0 set apart for contingencies. The contract was signed on the 18th November 1904 and the work commenced the next day. The contract date for completion of the work is 18th May 1905.

66. The total expenditure on the work up to the end of the year was Rs. 4,176-0-5.

FILLING IN OF THE GILDER TANK.

67. It was mentioned in the last year's report that as one Bava Charandas Mandas claimed certain rights over the tank, the matter was referred to Counsel for opinion and advice. Counsel (Mr. G. R. Lowndes) was of opinion that the tank was a public tank and as such vested in the Corporation and advised that the filling in of the tank might safely be proceeded with. The Corporation, thereupon, under their Resolution No. 3546 of the 14th November 1904, approved of the work of the filling in being taken in hand. Tenders for the work were invited on the 7th February 1905, and 5 tenders were received. Of these, that of Messrs. Mahomedkhan Rasulkhan & Co. was the lowest and was accepted by the Standing Committee under their Resolution No. 5138, dated 22nd February 1905. The amount of the tender inclusive of the cost of the Municipal supervising establishment was Rs. 15,182-13-8 against the office estimate of Rs. 20,829-14-10 *plus* Rs. 21 for road repairs and Rs. 1,149 for contingencies. The contract was signed on the 18th March 1905 and the work commenced on the same day. The contract date for the completion of the work is the 18th August 1905. The work is going on very satisfactorily and is expected to be completed well within the contract period.

68. The total expenditure on the work up to the end of the year was Rs. 231-1-0.

CUTTING OUT ROCKY BARRIERS IN THE CHANNEL AT LOVE GROVE.

69. The Standing Committee sanctioned the above works being done on certain terms by Messrs. Alimahomed Kasam & Co., the Contractors for the 2*nd* portion of the Low-level Channels. The Contractors, however, subsequently declined to undertake the work on the ground that they had too much work on hand. The work is, therefore, for the time being held in abeyance.

SURCHARGING OF THE SEWERS.

70. The further reports of the Municipal Commissioner, the Executive Engineer and the Deputy Executive Engineers, Drainage, Ordinary and Special Branches, on the joint report of Messrs. J. Midgley Taylor and G. Strachan, are now before the Committee of the Corporation appointed to consider the question.

D.

DRAINAGE WORKS, ORDINARY BRANCH.

HOUSE DRAINAGE CONNECTIONS.

71. The street portions of the House Drainage Connection Works were carried out during the year through the agency of Messrs. Shivaji & Co., Contractors.

72. The following statement shows the number of connections that were carried out by the Contractors and the cost incurred thereon :—

Name of District.	Number of Connections.	Amount. Rs. a. p.
Girgaum	24	918 1 8
Mandvi	21	626 2 8
Umarkhadi	143	4,368 10 2
Mazagaon	91	2,395 10 3
Fergusson Road	79	6,264 2 4
Parel	217	8,403 4 2
Fort	42	1,595 2 6
Colaba	15	604 7 3
Kamatipura	15	616 14 0
Panaswadi	13	233 8 4
Khetwadi	28	981 12 9
Market	59	1,419 2 4
General District	65	2,756 1 11
Khambala Hill	11	330 5 10
Dhobi Talao	7	205 4 11
Bhuleshwar	5	94 6 10
Chaupati	3	73 4 3
Total ...	838	31,886 6 2

73. In addition to the above work, about 5,195 plans, 732 measurement certificates and 160 estimates were prepared for works done under Sections 230, 231 and 260 of the Municipal Act by the establishment employed for carrying out House Drainage Connection Works in the City.

74. A portion of the staff was also engaged on the supervision of the drainage of all the newly erected buildings throughout the City, in framing and serving Notices and Summonses, under Section 231 of the Municipal Act, and in supervising the work required to be carried out in respect of premises in newly sewered districts.

REMODELLING HOUSE GULLIES IN KAMATIPURA.

75. The total expenditure on this work, which has been referred to in the last Administration Report, was Rs. 17,654-4-5, leaving a saving of Rs. 1,541-11-7. It is proposed to utilize this saving for executing certain works which are considered necessary to render the arrangements already carried out as perfect as possible.

MANHOLES AND INSPECTION CHAMBERS OVER STORM-WATER DRAINS.

76. This work, which has been alluded to in the last Administration Report, was in progress at the end of the year. The certified expenditure then amounted to Rs. 1,013-3-8.

77. The total amount available for expenditure on this work during the year under report was Rs. 16,009 as follows :—

Balance available from the grant for 1902-03	Rs.	1,705
Amount provided in the revised estimate of Loan Works Expenditure for 1903-04	,,	3,000
Amount provided in the Loan Works Budget for 1904-05	,,	11,304
Total ...	Rs.	16,009

Removing silt from and cleaning the Old Main Drain from the Municipal Pipe Depôt at Bellasis Bridge Road to the Love Grove Sluice Gates.

78. A sum of Rs. 1,500 was provided for the work in the Budget for 1904-05. It was entrusted to Messrs. Bapu Satu and Company and completed by them at a total cost of Rs. 1,088-6-8, leaving a saving of Rs. 411-9-4. Cleaning work was continued departmentally after the close of the rains at a cost of Rs. 410-6-7. It is intended in future to clean this drain immediately after the rains instead of leaving it to the end of the following cold season.

Repairing and Cleaning Flushing Chambers, Flushing Cisterns, &c., in the different parts of the City.

79. This work which has been mentioned in the last report was continued during the year in conjunction with the Water Works Department who lent valuable assistance to the Drainage Department in this matter.

80. The establishment provided in the Budget for the year was utilized for the supervision of the work.

81. The required materials were purchased from the grant of Rs. 1,000 which was provided for the purpose in the Budget for the year and such further expenditure as was necessary was met from (1) grant of Rs. 1,665 sanctioned by the Corporation in the year 1903-04 and (2) the balance of the sum of Rs. 2,000 which was provided for this purpose in the Budget for the year 1902-03.

82. The total expenditure incurred was Rs. 3,227-6-7, *viz.*, Rs. 1,663-0-11 for materials and Rs. 1,564-5-8 for labour.

PUBLIC LATRINES AND URINALS.

Latrines at Walkeshwar.

83. The execution of this work, which was suspended during the last official year, was again resumed during the year under review, but the Trustees of the Walkeshwar Charities having again raised objections, it was again stopped under the orders of the Municipal Commissioner.

Latrines and Urinals in Various Parts of the City.

84. The construction of latrines and urinals, out of the grant of Rs. 12,000 provided in the Budget of 1903-04, was carried out by Messrs. M. Roushan and Ramji Keshavji and Company, during the year under report, at a total cost of Rs. 3,566-11-6 with the exception of two urinals which were proposed to be constructed on Port Trust ground. In lieu of these, the construction of a Korris Hexagonal urinal was decided upon during the year out of the savings in the grant. The urinal is to be erected at the junction of Dalal Street and Apollo Street in place of the old three-chambered urinal there. The urinal itself was supplied by Messrs. Oates and Green of Halifax through Messrs. Hill and Co., of Bombay, but it could not be erected during the year under report as Messrs. Oates and Green were to replace some parts which were found broken. After the broken parts are supplied, the urinal will be put up departmentally. The amount sanctioned for this work is Rs. 1,726.

85. The work of substituting the old latrine of two seats at Kumbharwada Cross Lane off Chakla Street by one of the "Torfit" pattern as an experimental measure was sanctioned at an estimated cost of Rs. 540 to be met out of the unappropriated balance of the grant provided for latrines and urinals in the Budget for 1903-04. This experiment is to be made as the Torfit urinal is supposed to contain disinfectant properties which prevent any offensive smells arising from its use, and no water is required for flushing purposes. The expenditure at the close of the year was Rs. 468-2-3.

86. In the Budget for the year a sum of Rs. 62,163 was included for the work of constructing latrines and urinals in different parts of the City, but as the sites for the different latrines, &c., were not settled, no portion of the work was carried out during the year. A sum of Rs. 427 only was spent by the Health Department in publishing notices, &c., inviting the public to notify to the Municipal Commissioner any objections they may have to the sites selected for the construction of the latrines.

Construction of a Night-Soil Depôt at Bamnoli.

87. This work which has been alluded to in the previous report was completed during the year at a total cost of Rs. 6,757-8-5.

Construction of a Catch-pit on the Queen's Road Ovoid Sewer, &c.

88. During the year under report, the Corporation, under their Resolution No. 2729, dated the 22nd September 1904, sanctioned the construction of a catch-pit on the Queen's Road Ovoid Sewer at Charni Road at its junction with Khotwadi Back Road at an estimated cost of Rs. 6,206 to be met from Loan Funds. Several catch-pits having been constructed without any objections being raised by the owners or occupiers of adjoining properties, a site was chosen at Khotwadi near Cama Bag, which, it was thought, would create the least inconvenience. After the work had proceeded, complaints were received from the owners of a property opposite the Cama Bag and also from the Trustees of the Cama Bag and it was thereupon decided to select another site for the catch-pit.

Diversion of the Storm-Water Drain in Frere Road, &c.

89. Owing to the construction of the New Docks, the Corporation, under their Resolution No. 1323, dated the 20th June 1904, sanctioned the closing of the Mandvi Street drain outfall and the regrading of the storm-water drain discharging into that drain from Bassein Street to Carnac Road and its connection at that point with the outfall into the Harbour. The estimated cost of the work was Rs. 36,341. This amount together with the usual supervision charges of 7½ per cent. was paid by the Port Trustees.

90. The Corporation also sanctioned a grant of Rs. 2,868 from Municipal Funds for (*a*) replacing the old pattern water gullies by new pattern ones and (*b*) re-arranging some of the water entrances on this portion of the drain. The tender of Messrs. Esufali Abdulali & Co. for the work was accepted by the Standing Committee under their Resolution No. 3368 of 2nd November 1904. The work was in progress at the close of the year. The certified expenditure then amounted to Rs. 8,945-4-8.

Duplicating the Sewer in Babula Tank Road from J. J. Hospital to Umarkhadi.

91. The sewer in Babula Tank Road, which was found insufficient in capacity for the amount of sewage entering into it, was duplicated from the J. J. Hospital to Umarkhadi by laying an auxiliary 9" pipe sewer. The cost of this amounted to Rs. 2,046-6-11 and was met from the amount provided for Miscellaneous Drainage, New Works, in the Budget for the year.

Disconnecting Fountains and Stand-pipes in the City from Storm-water Drains and connecting them to the Sewers, &c.

92. It was decided to disconnect such of the fountains and stand-pipes in the City as are connected to storm-water drains and to connect them to the sewers. For this purpose Rs. 2,773 were apportioned by the Municipal Commissioner out of the Budget grant of Rs. 20,000 for Miscellaneous Drainage, New Works. It was also decided to enter a like amount in the Budget estimates of the subsequent years until the work is completed. Such work as can conveniently be done during the year under report was executed out of the said apportionment.

DRAINAGE SLUICES, &c.

93. The sluices, penstocks, outfalls, tidal flaps and fair weather connections in charge of this Department were worked satisfactorily during the year with the usual staff, and the expenditure for their maintenance was within the Budget grants.

MISCELLANEOUS.

94. Works to the extent of about Rs. 88,000 were executed departmentally by the Chief Inspector and works to the extent of about Rs. 19,000 were carried out through the agency of the Petty Works Contractors.

95. The works in connection with repairs and alterations to and flushing and cleaning of sewers and drains, generally, and making small additions thereto, were carried out under the supervision of the Chief Inspector.

96. Daily reports in the prescribed form showing the progress made in the work of cleaning main sewers by means of scrapers were submitted by the Chief Inspector.

97. Three thousand three hundred and sixty-four Notices, under various Sections of the Municipal Act, were served on house-owners to provide sufficient means of effectual drainage, and remedy defects in existing drainage arrangements.

98. One thousand two hundred and forty-three Summonses were issued against house-owners for non-compliance with Notices.

Sanitary Arrangements of Health Camps, Plague Hospitals, &c.

99. About sixty-five works in connection with the sanitary arrangements of the various Health Camps, Observation Camps and Plague Hospitals were carried out by the Drainage Branch under the supervision of the Chief Inspector.

E.

WATER WORKS.

TANSA LAKE.

100. The rainfall for the year 1904 was 73·90 inches, that for the years 1902 and 1903 being 89·87 and 103·12 inches, respectively. On five days the rainfall exceeded 3″ and on 12 days it ranged between 1″ to 3″.

101. The lowest level of the water in the Lake during the year was 394·44 T. H. D. on 11th June 1904. The mean of the three lowest levels in the years 1901, 1902 and 1903 being 394·31 T. H. D.

102. The water in the Lake overflowed on the 6th July when the monsoon rainfall amounted to 30·44″.

103. The total quantity of water received in the Lake from 1st June to 30th September, including that which overflowed at the waste-weir (*viz.*, 9,976 million gallons) and that which was passed into the duct in 122 days (*viz.*, 2,699 million gallons), amounted to 20,346 millions of gallons. This quantity of water is equal to 39·1 per cent. of the total rainfall during the period mentioned (say 68·20 inches) over the catchment area of 33,600 acres and amounting to 52,000 million gallons.

104. The quantity of water lost from the Lake from 1st October 1903 to 1st June 1904 was 8,911 millions of gallons or 36·5 million gallons per day. Of this quantity, 5,972 million gallons were let out into the duct, the rest, *viz.*, 2,959 million gallons, being lost by evaporation in 244 days from the mean lake area of 5 square miles. This gives an average evaporation of ·165″ per day or 4·95″ per month.

105. Of 5,972 million gallons let out into the duct at Tansa from 1st October 1903 to 1st June 1904, only 4,500 million gallons reached Ghatkupar Syphon Head, the balance being lost by leakage, evaporation and overflow at the different Syphon Heads.

106. During the year one burst occurred in the 48″ main at Vincent Road on the 17th May.

107. There were also the following bursts in the main supplying Tansa water from Chinchpokli to Malabar Hill Reservoir :—

21st January 1905.—26″ main near Babulnath at the foot of Malabar Hill Reservoir.

Do. —27″ main near Tardeo Road at the north of Shastri Hall.

Do. —27″ main near Arthur Road, south end.

VEHAR LAKE.

108. The rainfall for the year 1904 was 73·86 inches, that for the years 1902 and 1903 being 72·92 and 102·30 inches, respectively. On 4 days the rainfall exceeded 3″ and on 12 days it ranged between 1″ and 3″.

109. The lowest level of the water in the Lake during the year was 253·60 T. H. D. on 8th June 1904. The lowest levels reached in the years 1902 and 1903 being 245·83 and 247·55 T. H. D., respectively.

110. The highest level to which water rose in the Lake during the year was 264·40 T. H. D. or ·10 feet below the Waste-weir level.

111. The total quantity of water received in the Lake from 1st June to 30th September, excluding that received from Tansa duct and Tulsi Waste-weir, was 4,565 million gallons. This quantity of water is equal to 72·4 per cent. of the total rainfall during the period mentioned (say 71·26 inches) over the catchment area of 3,900 acres and amounting to 6,300 million gallons.

112. The quantity of water discharged into the Lake from Tulsi was 189 million gallons.

113. The quantity of water drawn from the Lake from the 1st October 1903 to 1st June 1904 was 3,573 million gallons or an average of 14·7 million gallons per day, including evaporation and leakage ; while that from 1st October 1904 to 31st March 1905 was 2,491 million gallons or an average of 13·5 million gallons per day.

114. The evaporation from the Lake surface was as follows :—

April	1904	3″
May	,, ...	$3\frac{1}{10}$″
December	,, ...	$3\frac{1}{10}$″
January	1905	$3\frac{1}{10}$″
February	,, ...	$2\frac{9}{10}$″
March	,, ...	3″

This gives an average of 3″ per month or an average of 3 million gallons per day for the mean Lake area of 1,300 acres.

115. From 1st April to 14th September partly filtered and partly unfiltered water was passed through the 24″ Vehar main to the Northern portion of the City ; but from 15th September water had to be supplied unfiltered by closing Vehar filter beds, and supplying a somewhat larger quantity direct from Vehar Lake. This was necessary owing to the stoppage of the supply from Tulsi Lake.

116. During the year there were the following bursts in the Vehar 32″ main :—

On 28th October 1904—1, Arthur Road.

On 21st November 1904—1, near Kurla New Station,

On 25th March 1905—1, North of Dadar Station.

TULSI LAKE.

117. The rainfall for the year 1904 was 85·58 inches, that for the years 1902 and 1903 being 93·19 and 129·16 inches, respectively. On 5 days the rainfall exceeded 3″ and on 11 days it ranged from 1″ to 3″.

118. The lowest level of the water in the Lake during the year was 437·16 T. H. D. on the 11th June. The lowest levels reached in the years 1902 and 1903 were 431·35 and 435·94 T. H. D., respectively.

119. The water in the Lake overflowed into Vehar on the 20th July when the monsoon rainfall amounted to 61·60 inches.

120. The total quantity of water, due to the rainfall of 79·75 inches from 1st June to 15th September on the whole drainage area of 1,700 acres, amounts to 3,075 million gallons ; while that actually received into the lake, including the water supplied to the City at the rate of 4 million gallons per day (428 million gallons) and the overflow from the Waste-weir (189 million gallons) for the same period, is estimated to amount to 1,958 million gallons or 63·7 per cent. of the rainfall.

121. The quantity of water drawn from the Lake from the 1st October 1903 to 1st June 1904 was 1,379 million gallons, equivalent to 5·65 million gallons per day including evaporation and leakage.

122. The evaporation from the Lake surface was as follows :—

April	1904	3″
May	,, ...	$5\frac{7}{10}$″
December	,, ...	$3\frac{1}{10}$″
January	1905	$3\frac{1}{10}$″
February	,, ...	$2\frac{8}{10}$″
March	,, ...	$3\frac{1}{10}$″

123. Owing to a settlement of the embankment over the outlet pipe, the supply of water from Tulsi Lake had to be stopped from the 13th September 1904.

BHANDARWADA (JOHN HAY GRANT) RESERVOIR AND FILTERS.

124. No work was done either to the Reservoir or to the Filters during the past year. It is proposed to asphalt the bottoms of filters Nos. 7, 8 and 9 to prevent water leaking through the floors of the filters direct into the reservoir below. This work has been sanctioned in the Budget for 1905-1906 and will be executed during the present year.

MALABAR HILL RESERVOIR AND FILTERS.

125. The work of constructing three additional filters and reservoir has been in progress during the year through the agency of Contractor, Mr. Bhaskar Shiwram, but the

progress of the work has been very slow owing to delays on the part of the Contractor. The value of the works entrusted to the Contractor amounts to Rs. 1,92,673, but the value of the work executed up to the end of March 1905 amounted to Rs. 1,06,925 only.

126. The contract period expired on 20th June 1904, but owing to the work being incomplete, an extension of time has been granted to the Contractor. The work is being expedited and it is hoped that the filters will be in use after the monsoon.

127. Out of savings from the work of constructing additional filters, two pumps and oil engines have been purchased from Messrs. Turner Hoare and Company at a cost of Rs. 12,800 and erected by the Assistant Engineer, Mechanical Branch, in the outlet well of the reservoir, for the purpose of supplying filtered water to the high-level districts on Malabar Hill.

SUPPLY AND DISTRIBUTION.

128. A 15" main, as an additional supply main in Elphinstone Road, connected at one end with the 24" Vehar main at Bhoiwada Cross Road and at the other end with the 12" main in New Purbhadevi Road has been laid; the total cost of the work done up to the end of the year is Rs. 44,772-2-1. It is proposed to remove the existing 9" main in Elphinstone Road from the B. B. & C. I. Railway Level-crossing to the New Purbhadevi Road and relay the same on the New Foras Road; this work will be done after the existing service connections have been transferred to the new 15" main.

129. The work of replacing certain 3" mains by 4" mains in B Ward was commenced but has been stopped, it having been decided to do the work by contract. The total expenditure on the work up to the end of the year was Rs. 4,474-8-2.

130. The work of laying a 4" main for a length of 540 feet in the new road, in the Sankli Street Scheme, was in progress during the year. The expenditure on this work up to the end of the year was Rs. 1,140-11-7.

131. The work of laying a 4" main in the new Woodhouse Bridge Road, 6" mains in the new roads in the Hornby Estate, 9" & 4" mains in Agripada District, and 4" main in Connaught Road has been sanctioned for supplying water to the districts embodied in the City Improvement Trust Schemes, but the same is delayed, as some of the roads have not yet been constructed, and some, though constructed, are not taken charge of by the Municipality.

132. The laying of 9", 4" and 3" mains in First Nagpada District and 4" main in Scheme No. II (Lohar Chal) is also sanctioned. The pipes and specials required for the work have been supplied by Messrs. John Fleming and Company. The work of laying the main in Lohar Chal was commenced but stopped owing to the roads not having been completely constructed. The laying of the mains in the Nagpada District will shortly be let by contract.

133. The pipes and specials required for the work of laying the 9" and 6" mains in New Sewri Road having been obtained from Messrs. John Fleming & Company, tenders will shortly be invited for the same.

134. The use of cast iron pipes in place of steel ones having been decided, fresh plans and estimates for cast-iron mains, with a few short lengths of steel piping for experimental purposes, are being prepared for the following works :—

(*a*) 32" & 22" Inlet main to Malabar Hill Reservoir (*via* Arthur Road, Tardeo Road, Forjett Street, Gowalia Tank Road and Gibbs Road) from the 48" Tansa main at Chinchpokli.

(*b*) 32" Outlet main from Malabar Hill to Chaupati.

(*c*) 18" main to Bhandarwada Reservoir.

(*d*) 9" main along Reay Road.

(*e*) 9" & 10" mains in Grant Road.

(*f*) 9" main in Tardeo and Forjett Street.

135. The work of diverting the 32" Vehar main, from alongside the G. I. P. Railway between Kurla and Dadar Railway Stations, has been in progress during the year. The pipes and specials are being obtained from Messrs. John Fleming & Co., and the work of laying the main is being carried out through the agency of Contractors, Messrs. M. Roushan & Ramji Keshawji & Company. The work of forming the embankments for the new Vehar main has been executed by the same Contractors and is practically complete. The total expenditure on the work of diverting the Vehar main up to the end of the year is Rs. 3,14,537.

List of Bursts repaired during 1904-1905.

136. There were 139 bursts during the year as against 70 in 1903-1904 and 116 in 1902-1903.

73	bursts on	3" mains.
28	"	4" "
4	"	5" "
9	"	6" "
11	"	7" "
3	"	8" "
1	"	9" "
1	"	10" "
1	"	12" "
1	"	15" "
1	"	26" "
2	"	27" "
3	"	32" "
1	"	48" "
139		

137. The number of new connections made during the year was 448 and that of the connections cut off for various reasons 360. The net increase therefore in the number of connections is 88. The total number of connections now stands at 20,924. The annual increase in the number of connections in the last three years has been as follows :—

1902-03	131	0·6 per cent.
1903-04	150	0·7 do.
1904-05	88	0·4 do.

138. The total number of meters at present in use is 3,321, of those 1,680 or 50·6 per cent. were removed and tested during the year with the following result :—

Stopped owing to internal parts being worn out or clogged with dirt	428
Slow owing to internal parts being worn out or clogged with dirt	375
Fast owing to internal parts being worn out or clogged with dirt	3
Test correct	874

139. These figures do not include a large number tested on the spot and found to be working accurately.

140. The number of meters removed and tested at the Chinchpokli Stores show a decrease of 841 when compared with the number (2,521) of meters removed and tested during the previous year. Owing to the pressure of work at the Maintenance Branch a smaller number of meters were removed and tested, while a much larger number were tested *in situ*.

141. The number of disconnections sanctioned by the Standing Committee from time to time during the year was 817 and they have been dealt with as follows :—

(1)	Disconnections not enforced as the parties complied with the requirements	678
(2)	Disconnections not enforced as the parties were given option to hand over the portions of underground pipes to the Municipality and this Department is in correspondence with them	44
(3)	Disconnections stopped by the Assessor and Collector under Commissioner's orders	4
(4)	Disconnections wrongly applied for as it was subsequently found that water used for building purposes was from public stand-pipes and not from private pipes	2
(5)	Disconnections held in abeyance as the building work is entirely stopped and water not used	2
(6)	Connections cut off	90
	Total ...	817

Special Officer's Work.

142. The investigations commenced on the 23rd December 1903 by the Special Officer and staff were continued and on the 16th of July 1904 a report was presented dealing with the leakage found to be taking place.

143. From 23rd December 1903 to 30th June 1904 it had been found possible to deal with about one-fourth of the total length of the water mains already laid in the City and the underground portion of the services therefrom. The leakage from the mains examined was found to be about 1¾ million gallons per day.

144. The Special Officer's report dealt with many sources of waste and contained suggestions for its prevention such as—

(*a*) The service-pipe fittings to be of better quality ;

(*b*) the underground portions of all service-pipes to be taken over and maintained by the Municipality ; and

(*c*) improved method of repairs and more supervision to be given to the work.

145. It having been ascertained beyond doubt that a very large quantity of water was leaking from the water mains and service-pipes it was decided to alter the method of working. Hitherto the Special Officer's Department had been conducting an investigation only, but after consideration it was deemed expedient to increase the staff engaged in this work and form a Special Branch whose duties would consist of the detection of waste and the location of defects upon the water mains, service-pipes, fittings, &c. Since the 1st of September 1904 this system has been followed with considerable success. Many underground leaks and defects, some of a very extensive nature, having been brought to light and repaired : consequently the supply and pressure in several districts has been much improved. Although the supply of water from Tulsi Lake has been stopped it has been found possible to extend the hours of supply.

146. Considerable attention has been given to the condition and quality of the house fittings, 8,879 notices having been issued by the Ordinary Branch during the year against 4,722 and 4,452 in the years 1903 and 1902, respectively.

147. A grant of Rs. 29,134 was sanctioned by the Corporation under Resolution No. 3752, dated 7th January 1904, for carrying out the investigations as regards leakages, &c., on water mains. This grant was further supplemented by Rs. 20,738 and Rs. 11,000 under Corporation Resolutions, Nos. 2714, dated 22nd September 1904 and 4355, dated 9th January 1905. The total grant thus amounts to Rs. 60,872. The expenditure incurred against it during the year amounted to Rs. 34,465-1-10 and the unexpended balance will be renewed for the next year.

FINANCIAL.

148. The Budget grant allotted for the year for the Maintenance of Water Works was Rs. 2,13,662 which with the lapsed grants renewed and the transfers sanctioned amounted to Rs. 2,37,874-6-0. The total expenditure incurred against this and paid for during the year amounted to Rs. 2,07,450-12-10. This leaves an unexpended balance of Rs. 6,211-3-2 and a portion of this will be renewed in 1905-1906 to meet the liabilities incurrred but not paid for during the year.

Works done for Municipal Departments and Private parties.

149. The amount of works executed during the year was as follows :—

	No. of Bills.	Rs.	a.	p.
Departmental works...	1,420	Rs. 33,023	14	10
Private works	351	„ 8,512	13	4

STORES AT CHINCHPOKLI.

150. A new Store Department having been established in the Water Works Stores Yard, all the articles of stores which were in charge of the Superintendent, Maintenance Branch, were transferred to the Storekeeper on 1st March 1904.

F

REGULATION OF STREETS AND BUILDINGS.

BUILDING APPLICATIONS.

151. The following table shows the number of Building plans (*a*) received, (*b*) passed wholly or subject to certain conditions, and (*c*) entirely disapproved, during the last five years :—

Year.	Number of Building plans received.	Number of Building plans passed wholly or subject to certain conditions.	Number of Building plans entirely disapproved.
1900-1901	2,248	2,222	26
1901-1902	2,219	2,198	21
1902-1903	2,480	2,442	38
1903-1904	2,605	2,533	72
1904-1905	2,759	2,614	145

NOTICES AND SUMMONSES ISSUED.

152. 3,916 notices were issued on house-owners under various Sections of the Municipal Act. There were 878 more than those issued during the previous year.

153. Prosecutions were instituted in the Magistrate's Court in 565 cases under different Sections of the Municipal Act against the house-owners who failed to comply with the notices served upon them by this Department.

154. In 126 of these cases the parties complied with Municipal requirements before service of summons and these were withdrawn. In 328 cases they were warned and discharged, in 96 cases they were convicted and fined, and 15 cases were postponed to dates after the end of the current year.

155. The amount of fines realized was Rs. 1,066-4-0.

156. The following statement shows the different Sections of the Act under which offenders were prosecuted, and the other details of prosecutions during the year :—

Wards.	Number of Sections of the Act.	Number of Prosecutions.	Cases withdrawn as requirements were complied with.	Persons warned and discharged.	Persons convicted and fined.	Cases postponed to next year, 1905-1906.	Amounts of Fines.
							Rs. a. p.
The Superintendent, A & B Divisions.	308	4	3	1	...	...	.....
	308 & 309	1	1	...	...	...	.....
	311	5	...	4	...	1	.....
	313	4	...	1	3	...	18 0 0
	322	10	1	7	2	...	20 0 0
	347	67	9	37	19	...	198 0 0
	353	1	...	...	...	1	.....
	354	28	2	15	9	2	120 0 0
	By-law 29	1	...	1	...	...	.....
	By-laws 34 & 36	2	...	2	...	...	.....
	By-law 40	10	...	4	5	1	92 4 0
	231	24	11	13	...	...	.....
	247	1	1	...	...	...	.....
	308	15	4	9	2	...	50 0 0
	308 & 309	1	...	1	...	...	.....
	311	3	...	3	...	...	.....
	312	1	1	...	...	...	.....
	313	3	...	...	3	...	30 0 0
	322	16	6	8	2	...	55 0 0
	583	1	...	...	1	...	5 0 0
The Superintendent, C & D Divisions.	347	117	24	77	13	4	116 0 0
	349	1	...	1	...	...	.....
	353	2	...	2	...	...	.....
	354	15	3	10	2	...	25 0 0
	By-law 29	2	2	...	...	...	.....
	,, 30	1	...	1	...	...	.....
	By-laws 34 & 36	2	1	1	...	...	.....
	By-law 36	2	...	...	2	...	15 0 0
	,, 40	20	8	9	2	1	25 0 0
	,, 41	1	1	...	...	...	.....

Wards.	Number of Sections of the Act.	Number of Prosecutions.	Cases withdrawn as requirements were complied with.	Persons warned and discharged.	Persons convicted and fined.	Cases postponed to next year, 1906-1906.	Amount of Fines.
The Superintendent, E, F & G Divisions.	231	15	1	14	...	...	.....
	247	1	...	1	...	...	.....
	308	8	...	5	2	1	6 0 0
	313	1	...	...	1	...	8 0 0
	322	4	...	4	1	...	.....
	347	118	32	66	18	2	216 0 0
	353	45	13	23	8	1	67 0 0
	354	4	1	3	...	...	.....
	By-law 29	6	...	4	1	1	5 0 0
	„ 39	2	1	1	...	...	.....
Total ...	.....	565	126	328	96	15	1,066 4 0

UNSAFE OR RUINOUS BUILDINGS.

157. 202 notices were issued for the removal of unsafe, dangerous or ruinous buildings which were all complied with either partly or wholly, and in one case 2 persons were killed and 2 injured while complying with the requirements of the notices. Besides this, 18 buildings or parts of buildings fell down before they were noticed by the Building Department. Fortunately no injury was done to life in 12 of these, but in 6 cases 7 persons were killed and 8 injured.

REMOVAL OF INFLAMMABLE AND INSANITARY HUTS.

158. Action was taken, under Sections 349 and 380 of the Municipal Act, for the summary removal of inflammable and insanitary huts, and 1,096 huts were removed.

STREET IMPROVEMENT OR SET-BACKS.

159. The amount allowed for street improvement for the year 1904-05 was Rs. 1,00,000, which together with the grant for previous years renewed during the year amounted to Rs. 1,46,747-10-5. An additional grant of Rs. 58,256 having been sanctioned, the total grant amounted to Rs. 2,05,003-10-5. Out of this amount Rs. 1,48,751-15-5 were actually paid during the year.

160. The following statement shows the areas and values of ground added to streets in each Ward during the year :—

			Rs. a. p.
309·45	square yards in Ward	A	10,455 15 3
1,215·92	„ „	B	68,185 14 2
769·36	„ „	C	38,043 11 2
1,077·46	„ „	D	16,813 8 3
1,196·87	„ „	E	19,312 11 4
259·08	„ „	F	836 4 0
68·00	„ „	G	68 0 0
Total square yards ... 4,896·14		Total ... Rs.	1,53,716 0 2

161. The following table shows the number of (1) set-back cases enforced, (2) set-backs added, (3) set-backs paid for and (4) the area of ground (in square yards) added to streets, during the last five years :—

Year.	Set-back cases enforced.	Set-backs added.	Set-backs paid for.	The area of ground added to streets (in square yards.)
1900-1901	137	109	129	3,843·92
1901-1902	152	116	155	3,390·10
1902-1903	96	97	122	3,036·20
1903-1904	147	107	153	3,789·07
1904-1905	231	158	202	4,896·14

G.

ROADS, FOOTPATHS, &c.

REPAIRS AND MAINTENANCE.

Road Repairs.

162. The following statement gives the items of works executed out of the sanctioned grant for road repairs and maintenance :—

Particulars.	Quantity of work done in square feet.	Expenditure. Rs. a. p.
Metalling	11,592,910	3,03,770 14 6
Sandstoning	2,857,193	7,227 3 8
Scraping	.....	47,003 4 7
Repairs and maintenance of footpaths, bridges, culverts and roadside retaining walls	.....	15,270 10 11
Roadside trees, fencing and maintenance	.....	6,115 2 10
Repairs to, and purchase and maintenance of, tools and plant and other works incidental to the work of repairs to roads, footpaths, &c.	.....	18,584 1 2
Unexpended balance...	.....	27,019 4 6
Total Sanctioned Grant ... Rs.		4,24,990 10 2

163. The area of the road metalled being 11,592,910 square feet and the expenditure incurred upon the same being Rs. 3,03,770-14-6, the rate for metalling works out to 5·03 pies per square foot.

Road Metal.

164. The total quantity of metal purchased during the year under review was 1,389,105 cubic feet at a cost of Rs. 84,315-12-3.

Steam Roller.

165. Out of the grant of Rs. 7,000 a 10-ton steam roller was purchased from Messrs. Marshall, Sons & Co. at a cost of Rs. 5,565 to replace an old roller which was unserviceable.

Treatment of Roads by Crude Petroleum Oil.

166. The whole stretch of the roadway measuring 81,300 square yards, comprising a portion of Esplanade Road and the whole of Hornby Road from the King's Statue to the Arthur Crawford Markets exclusive of the Tramway tracks, was thoroughly repaired and treated with 3 successive dressings of Crude Petroleum Oil between November 1904 and March 1905 at a cost of Rs. 5,300, the quantity of oil used being 164 tons.

167. The result was eminently satisfactory, both as regards the total absence of dust nuisance and in the general improvement of the roads which were thereby rendered clean, and even without the help of ordinary road watering.

168. Similarly the roadway between 1st Chinch Bunder Road and Jail Road North admeasuring 6,230 square yards, was treated with two dressings at a cost of Rs. 579, the quantity of oil used being 18 tons. The first dressing was applied while the surface of the road was being newly made and the second a short time after. This treatment has not, however, been found so successful as that on Hornby and Esplanade Roads, partly on account of the traffic being allowed to pass on the newly made surface which could not be prevented and partly on account of a very large number of unavoidable openings made by the Drainage and Water Works Branches. The film of oil that had formed at first having been thereby damaged, ordinary road watering had to be restored to.

Tarred Macadam.

169. Dhobitalao 2nd Lane was treated in January 1905 with this class of macadam at a cost of Rs. 554. In this case metal of different sizes were coated with a heated solution of bitumen, coal, tar and creasote oil, and laid in successive layers and finished off with a final coating of the solution. When finished the work had the smooth regular appearance of asphalt, and though costly is more durable and more comfortable to the general traffic than the ordinary macadam.

Treatment of Road by Westrumite.

170. A grant of Rs. 1,650 was sanctioned, under the Standing Committee's Resolution No. 4205 of 21st December 1904, for treating with Westrumite, as an experimental measure, the road from Wellington Fountain to the King's Statue, subject to the condition that it would be paid for only if the experiment proved a success. Attempts were made to mix it with water in accordance with the manufacturer's instructions as also with amoniacal liquid but without success, and under the circumstances the trial was abandoned.

New Roads.

171. The following four roads were taken over by the Municipality from Government and declared public :—

(1) Road from Gaiety Theatre to Murzban Road. (Murzban Road.)

(2) Extension of Ravelin Street from its west end to Waudby Road. (Ravelin Street.)

(3) Road running north of the Municipal Offices joining Hornby and Cruikshank Roads. (Council Road.)

(4) Road running north of the *Times of India* premises branching from Hornby Road and running towards the west. (Gymnasium Road.)

Road Watering.

172. The road watering grant for the year was Rs. 60,000. An extra grant of Rs. 4,750 was sanctioned for watering roads during the breaks in the monsoon.

Trees Planting.

173. Out of the grant of Rs. 5,000 provided in the Budget, 526 trees with tree-guards were provided along different roads in the City.

Footpaths.

174. The work of paving with buff Shahabad stone the footpath at Falkland Road between Gilder Street and Foras Road which was in progress last year was completed.

175. The following footpaths were paved with blue stone during the year and the work was completed except that of Khote footpath :—

Portion of Fort Street.

Portion of Ripon Road.

Khote Footpath.

Tramways.

176. No extension was made in the existing Tramway tracks during the year, but much trouble and inconvenience was caused by the Tramway Company, laying dust upon their track in Hornby Road, and thus to some extent counteracting the effect of the oiling of the adjacent road surface.

H.

PUBLIC LIGHTING.

GAS LIGHTING.

177. The total number of gas lamps in the City at the end of the year under report was 4,068 as detailed in the following statement, and the total cost of lighting has been Rs. 2,36,172-14-9.

Ward.	Single Light.		Double Lights.				Triple Lights.		Quadruple Lights.		Quintuple Lights.					Total number of Lamps.
	Part Month.	Whole Month.	Apollo Pier.	Frere Fountain.	Wellington Fountain.	Khatsoudji M. Shroff's Statue.	Part Month.	Whole Month.	Apollo Pier.	Victoria Dock.	Hornby Road.	Queen's Statue.	Mint Road.	Prince's Dock.	Church Gate Street.	
A	828	161	8	8	8	...	2	1	8	...	1	4	1	...	1	1,113
B	471	200	...	...	...	...	1	...	...	4	...	...	...	1	...	695
C	430	215	...	...	...	...	...	1	...	...	...	...	...	...	...	648
D	669	43	...	...	...	...	7	...	...	...	...	...	...	...	...	733
E	538	59	...	...	...	4	2	...	...	...	...	...	...	...	...	611
F	115	10	...	...	...	...	1	...	...	...	...	...	...	...	...	128
G	124	16	...	...	...	...	...	...	...	...	...	...	...	...	...	140
	3,175	704	8	8	8	4	13	2	8	4	1	4	1	1	1	
Total ...	3,175	704	16	16	16	8	39	6	32	16	5	20	5	5	5	4,068

178. The minimum contract pressure was maintained during the year. The lighting of the City was however not very satisfactory. As the present contract with the Bombay Gas Company terminates on 1st July 1905, advantage has been taken in the new contract under preparation to provide adequate safe-guards against dim or imperfect lighting and if this is finally accepted the future lighting of the City will be placed on a more satisfactory footing.

179. During the year under review 26 new gas lamps were put up along the roads detailed below:—

Locality.	Part Month.	Whole Month.	Total.
Gun-carriage Street	.....	1	1
Council Road	3	.....	3
Gymnasium Road	1	.....	1
Henry Road (Colaba)	4	.....	4
Sassoon Dock Road, No. 1	1	.....	1
Beach Road, Upper Colaba	4	.....	4
Upper Colaba Road	3	.....	3
Valpakhadi Lane	1	.....	1
Duncan Cross Lane	1	.....	1
Small Gibbs Road	1	.....	1
Gilder Street	6	.....	6
Total Number ...	25	1	26

KEROSINE OIL LIGHTING.

180. As in preceding years, the kerosine oil lighting was carried out departmentally, the oil used being 150° Snow Flake Brand and 125° Bulk Oil.

181. The total number of kerosine oil lamps in the City at the close of the year under review was 1,754 as shown below :—

WARDS.	Double Wick.		Single Wick.		Total.
	Part Month.	Whole Month.	Part Month.	Whole Month.	
A	32	25	...	...	57
B	17	...	112	51	180
C	30	...	2	85	117
D	80	...	34	31	145
E	147	...	197	179	523
F	138	...	265	2	405
G	32	36	221	38	327
Total ...	476	61	831	386	1,754

182. The total cost of kerosine oil lighting during the year was Rs. 37,374-13-1. Deducting from this Rs. 2,815-15-3 recovered by sale of empty kerosine oil cases with tins, departmental bills for lighting Health Camps, &c., and miscellaneous recoveries from private parties for breakage of lanterns, posts, &c., the net cost of kerosine oil lighting during the year has been Rs. 34,558-15-10 which gives a rate of Rs. 19-11-3 per lamp per annum.

183. Some experiments have been made to introduce improved lamps for burning petroleum but a satisfactory lamp has not yet been met with.

THE ELECTRIC LIGHT INSTALLATION IN THE MUNICIPAL OFFICES AND CRAWFORD MARKETS.

184. There was one failure of three hours' duration in the lighting of the Crawford Markets during the year. This occurred on the 14th November 1904, when on switching on the lamps at the usual time in the evening they would not light and it was eventually found that the main cable was fractured in the Mutton Market.

185. There were two other breakages of the overhead cable outside the Markets during the year caused by monkeys swinging on them, but they were discovered and repaired before lighting hours.

186. There were three occasions on which it was not possible to give the lights in the Municipal Office during the usual hours. On the 26th September 1904 and the 9th February 1905 the steam pressure had to be reduced below the limit possible for driving the Office dynamo on account of leaks in the fire box of the boiler and on the 2nd August 1904 a steam pipe joint was blown out, necessitating a reduction in pressure.

187. The plant has now been working without intermission for 11 years and it becomes increasingly difficult to run it without undertaking extensive repairs. The fire box of the boiler was in a serious condition at the close of the year and as there was no immediate prospect of a supply of current from the Brush Co.'s mains it has been necessary to open negotiations with the local Railway Companies for the purchase of a second-hand locomotive boiler to prevent a discontinuance of the lighting.

188. The Crawford Markets being a suitable place for the advantageous use of high pressure incandescent oil lamps, proposals were submitted during the year for the replacement of the twenty existing arc lamps with thirty-five Kitson lamps. The number of lamps proposed will give a very efficient light at a much lower cost than electric lighting and it will be possible under the new arrangement to keep four or five of the lamps burning throughout the night as a safeguard against theft.

189. This proposal, together with proposals for the rewiring of the Municipal Office installation for connection to the Brush Co.'s mains was under the consideration of the Standing Committee at the close of the year.

190. A new link leather belt for the Municipal Office dynamo was purchased from Messrs. Navroji Wadia & Sons in August 1904 at a cost of Rs. 288-10--0 and 3,700 pairs of carbons for the arc lamps in the Markets were purchased from Messrs. Marshall, Sons and Co. in October at a cost of Rs. 307.

191. The total cost of working the installation was within the Budget apportionment and amounted to Rs. 8,896-14-6.

I.
MUNICIPAL WORKSHOPS.

192. The following are the particulars of expenditure incurred during the year for experimental and private works executed at the Municipal Workshops and for supervision and shop charges, tools and repairs to machinery, buildings, &c. :—

	Rs. a. p.	Rs. a. p.
For Departmental Works, &c.—		
Labour	42,219 14 3	
Stores	47,535 0 1	
Piece-work, cart-hire, &c.	463 15 8	
		90,218 13 7
For Workshops & Stores—		
Labour	639 4 6	
Stores	2,888 7 6	
		3,527 12 0
For Shops Charges—	Rs. a. p.	
Labour	1,667 14 0	
Stores	7,486 13 5	
Piece-work	60 0 0	
	9,214 11 5	
For Supervision Charges Establishment—		
Establishment	7,774 11 1	
Contingencies	626 2 6	
	8,400 13 7	
Total expenditure for Working the Shops ...		17,615 9 0
Total expenditure during 1904-1905 was ...		1,11,362 2 7

The total expenditure during 1904-1905 on account of Departmental works, &c. (Rs. 90,218-13-7), and for Workshops and Stores, jobs (Rs. 3,527-12-0) aggregated, with the amount charged for supervision, tools, shop and repair charges, &c. (Rs. 32,129-10-11), to	...	1,25,876 4 6
Add—Amount of incomplete jobs at the beginning of the year 1904-1905	...	3,211 13 1
Total...		1,29,088 1 7
Deduct—Amount of incomplete jobs at the end of the year 1904-1905	...	7,188 13 1
Thus the total amount of bills preferred by the Workshops in 1904-1905 was		1,21,899 4 6

PERCENTAGE FOR SUPERVISION, SHOP, REPAIR CHARGES, &c.

	Rs. a. p.	Rs. a. p.
The total charges for the general working of the Shops (Rs. 9,214-11-5) and for supervision, exclusive of the pay of the Assistant Engineer, Mechanical Branch (Rs. 8,400-13-7), amounted to		17,615 9 0
The amount recovered on account of the abovementioned expenses by charging the fixed percentage of 35 per cent. on the cost of labour employed and materials used for works executed at the shops was	51,576 9 4	
The difference between the actual cost of working the Municipal pumping engines, plus 35 per cent. for supervision, repairs, &c., and of the fixed charges at which they were let on hire to private parties and for Departmental works was	553 1 7	
The amount realized by the sale of surplus and unserviceable articles, coal ashes, &c., was	2,606 1 11	
The balance in favour of the Workshops was therefore...		17,120 3 10
Total Rs. ...	34,735 12 10	34,735 12 10

193. The following are the principal items of new works completed during the year :—

Description of Work.	Amount.
	Rs. a. p.
Making 4 new iron water tanks for the Inspector, A Ward	473 0 7
Supplying 2 new W. I. frames for the strainers at Tulsi Outlet complete with centre rod to the Deputy Executive Engineer, Water Works...	252 13 6
Making 72 new hoppers for the Inspector, Night Branch	441 10 5
Do. 5 hand carts and 16 screens for dead bodies for the Commissioner of Police ...	1,252 14 4
Do. 1 new infectious disease van to replace the old one from C Ward	584 11 7
Do. and fixing a raised stage with flooring for new oil engines and pumps at Malabar Hill Reservoir	499 7 9
Do. 6 new drain carts for the Chief Inspector of Drains	906 8 9
Do. one new C. I. baffle chamber for Ejector Station, No. 3, Parel	273 9 3

194. The following are the principal items of new works which were in progress, but were not completed before the close of the year :—

Description of Work.	Estimated Cost.	Expenditure up to 28th February 1905.
	Rs. a. p.	Rs. a. p.
Making a coal tramway 100' long at Love Grove Compressor Station ...	438 8 0	109 7 8
Converting 1 old boiler into an air receiver at Love Grove Compressor Station	820 0 0	639 14 1
Making 4 portable force pumps	501 0 0	126 0 10
Do. automatic valve basins, tanks and iron work for pail cart	400 0 0	225 2 8
Do. 383 badges with belts for Halalkhors for Divisional Health Officer, No. 3	494 12 0	112 10 4
Do. 30 drain carts for Health Department...	4,500 0 0	3,135 9 4
Do. 3 new doors and frames and repairing tanks at the Night-Soil Depôt at Carnac Bridge	331 12 0	207 12 6

195. In addition to the above works the Workshops have continued to keep in repair the rolling-stock of the Health, Road, and Drainage Departments, the machinery of the Love Grove Pumping and Compressor Stations, the Colaba Compressor Station, the 12 Ejector Stations in the Parel, Fergusson Road, Mazgaon, and Colaba Districts, steam rollers, fire engines, electric light machinery, &c.

196. The grant of Rs. 6,000 for extra and over-time labour was insufficient and transfer of Rs. 1,750 from the grant for establishment was sanctioned under the Standing Committee's Resolution No. 4804 of 1st April 1905 to meet the additional grant.

THE HYDRAULIC LIFT SERVICE.

197. The Hydraulic Lift in Municipal Office worked satisfactorily during the year at a total cost of Rs. 1,662-11-4.

THE MOTOR MEAT VAN.

198. The motor meat van, which was purchased for the transportation of meat between the Bandra Slaughter Houses and the Crawford Markets and was set to work from the 1st October 1903, was withdrawn from service for general inspection and repairs from the 10th December 1904 to the 10th January 1905.

199. During the eleven months in which it was in service it continued to give the most satisfactory results and was worked during the whole period without an untoward stoppage of any kind.

200. After opening out the machinery of the van for inspection from the date above mentioned, it was found that the engine and boiler was in first-class condition and required no repairs. The gearing also showed little evidence of wear and the bushes and pins of the differential gear pinions were the only parts requiring renewal.

201. As might be expected with the hard metalled roads of Bombay, the greatest wear was in the road wheels. The steel tyres of all four wheels had worn thin and had to be renewed, and the rear wheels required new bushes.

202. These results indicate that with careful use the life of a mechanically propelled vehicle is not so short as has been generally assumed.

203. The following number of carcasses of mutton were carried during the year :—

Month.	Number of Carcasses carried.	Working Days per Month.	Remarks.
1904.			
March	7,310	29	Stopped on the 5th & 19th for washing out boiler.
April	6,576	27	Do. 2nd, 16th & 30th for washing out boiler.
May	7,001	29	Do. 14th & 28th for washing out boiler.
June	6,488	26	Do. 11th & 25th for do. do. Do. 12th for fixing monsoon awning and on 16th owing to absence of driver.
July	5,746	28	Stopped on the 8th & 23rd for washing out boiler and on 25th for renewal of spring plate bolt.
	33,121	139	

Month.	Number of Carcasses carried.	Working days per month.	Remarks.
1904.			
Carried over ...	33,121	139	
August	6,528	28	Stopped on the 6th and 20th for washing out boiler and on the 27th for renewal of radius hanger bolts.
September	6,267	26	Stopped on the 4th and 17th for washing out boiler and on the 23rd and 24th owing to absence of driver.
October	6,133	28	Stopped on 1st, 15th and 29th for washing out boiler.
November	6,492	28	Stopped on the 12th and 26th for washing out boiler.
December	2,048	9	Stopped for general inspection and repairs from the 10th.
1905.			
January	4,867	20	Recommenced work from the 11th and was stopped on the 28th for washing out boiler.
February	5,928	26	Stopped on the 11th and 25th for washing out boiler.
Total ...	71,384	304	

204. The cost of working the van during the year was as follows :—

	Budget Grant.	Actuals.
	Rs. a. p.	Rs. a. p.
Establishment	720 0 0	714 0 3
Coal and Stores	1,293 0 0	1,186 14 0
Repairs and Maintenance	540 0 0	533 3 7
Total	2,553 0 0	2,434 1 10

205. On the basis of previous calculations, *viz.*, weight of a carcass of mutton at 28lbs., loaded mileage per day 9 miles, interest on Capital (Rs. 12,500) at 4 per cent., and sinking fund at 4 per cent. compound interest calculated on a life of 15 years, the actual cost of carriage inclusive of interest and sinking fund has averaged 7·09 annas per ton-mile. The average for the last five months of the preceding year, during which the van was working, was 5·63 annas per ton-mile.

206. Exclusive of interest and sinking fund the average rate was 4·85 annas per ton-mile as compared with 5·45 annas per ton-mile, which is the average actual cost of the existing bullock service.

207. The increase in the carrying rate in comparison with the previous year's figures is due to the withdrawal of the van from service for one month and to the increased cost of repairs, and it represents more accurately the average rate at which vans of this type can be expected to carry goods when loaded only one way. It will be noted, however, that in spite of the higher average the rate is still less than the cost of the bullock service.

208. It is believed that an internal combustion motor using kerosine oil could be worked at an even cheaper rate as the high prices which have now to be paid for Welsh steam coal, and this is the only kind of coal that can be used in the steam van, are against economical working.

209. The total mileage of the van during the year was 5,472, making up to the 28th February 1905 a total mileage of 7,884 since it commenced work.

210. Under the Bombay Motor Vehicles Act of 1904, it was necessary to provide the driver of the van with a driver's license at a cost of Rs. 2 and to register the vehicle at a further cost of Rs. 2.

211. The driver's license will have to be renewed annually, but no further charges are payable on account of registration.

212. It was also necessary under the Act to fit a motor horn to the van at a cost of Rs. 41. All of these charges were met from the grant for working the van.

THE LOVE GROVE PUMPING STATION.

213. The engines and pumps worked satisfactorily during the year without any total stoppage.

214. On the 9th March 1904, there was again a rush of silt into the pump wells, but the consequences were fortunately not so serious as on the occasion of the choke which occurred in January of the previous year, No. 2 engine only being stopped on this occasion.

215. The services of a diver were kindly lent by the Port Trust Authorities and after 3 days' work, during which 611 buckets of silt were removed from the pump well of No. 2 engine, the engine was able to resume work.

216. The efficiency of the pumps as tested by fortnightly observations taken by the Drainage Staff showed an average of 85 per cent.

217. The combined total number of revolutions of all the engines during the year was 23,090,956 against 26,063,490 in the preceding year. This reduction was entirely due to the shortage in the monsoon rainfall. The actual fall registered as the station between the 1st June and the 31st October was only 35·65 inches.

218. The following table shows the total quantity of coal of different descriptions consumed during the year with their average rate per ton :—

Description of Coal.	Tons.	Average Rate.
		Rs. a. p.
Equitable Coal Company's Desharghur...	2,500	12 9 2
Powell's Duffryn Cardiff	1,700	19 5 4

219. The average rate per ton for all of these descriptions of coal was Rs. 15-4-11, and the average daily consumption was 11 tons 10 cwts. 0 qr. and 15·3 lbs. against 12 tons 11 cwts. 1 qr. and 13 lbs. in the previous year. This substantial reduction in the average consumption was partly due to the more extensive use of Welsh coal and to economies effected by the re-boring of the engine cylinders, and partly to the short monsoon.

220. No. 1 engine was restarted after completion of the work of re-boring the steam cylinders and fitting new pistons and piston rings, and a thorough overhaul of all parts of the engines and pumps in November 1904 and is now working very satisfactorily.

221. Pending the conclusion of the trials of the three different samples of "Turnorine" valve faces submitted by Messrs. Turner Hoare & Co. in November 1903, and the sample of "Brad" and "Pump" faces submitted by Messrs. Bradbury Brady & Co. in January 1904, 500 lbs. of "Dermatine" faces were purchased from Messrs. Bradbury Brady & Co. in May 1904 at a rate of Rs. 3-5-11 per lb.

222. After the samples above referred to had been worn out it was found that "Black Turnorine" and "Brad" faces gave equally good results and that they were more suitable for the conditions of work than "Dermatine." It was, therefore, decided to give a more extended trial to these two samples, and 400 lbs. each of "Black Turnorine" faces and "Brad" faces were purchased from Messrs. Turner Hoare & Co. and Messrs. Bradbury Brady & Co., at a rate of Rs. 3-6-0 and Rs. 3-8-0 per lb., respectively, and they were under trial at the close of the year.

223. At the commencement of the official year Messrs. Duncan Stratton & Co. forwarded four sample faces of a special preparation of rubber which they requested might be tried in the pumps. They were put to work on the 2nd April 1904 and were removed in an unserviceable condition on the 16th January 1905 after having worked for 4,208 hours.

224. These faces have lasted more than twice as long as any thing previously tried, but they are at the same time twice as costly. Messrs. Duncan Stratton & Co. quoting a rate of Rs. 6-14-0 per lb. for quantities not less than 500 lbs. If, however, this preparation in bulk will give the same results as the samples it would be economical to use it, as a considerable amount of labour is expended in removing and replacing the faces on the pump valves. It has, therefore, been decided to purchase 500 lbs. for further trials.

225. 40 pump valves and 40 hinge blocks of cast steel were purchased from Messrs. John Fleming & Co. in May 1904 at a cost of Rs. 793. These were obtained to replace similar parts of cast iron which gave trouble by wear and breakage.

226. 12 sets of Buckley's piston rings and springs for fitting to the remaining two engines, the cylinders of which are to be rebored, were purchased from Messrs. Bradbury Brady & Co. at a cost of Rs. 1,570. Complete delivery was not effected up to the close of the year on account of the breakage of one of the rings in transit.

227. Under the Corporation's Resolution No. 5516 of the 9th March 1905, a transfer of Rs. 3,500 from savings in the grant for coals at the station was sanctioned to supplement the grant for Stores and Contingencies. Out of this sum Rs. 1,500 were required to meet excess expenditure due to the extra purchase of valve faces and cast steel hinge blocks and valves and Rs. 2,000 for expenditure to be incurred in the removal and re-erection of the front walls of the boiler house to allow of the withdrawal and replacement of tubes in the boilers. This latter work was not commenced before the close of the year.

228. It has been apparent for some time that the salaries attached to the lower posts of Subordinate Engineers at the station were not sufficient to attract certificated Engineers having a good practical knowledge of their work, and it was considered that these appointments could be better filled by experienced native Engine drivers on a lower scale of pay. A revision of the Establishment was, therefore, recommended and under their Resolution No. 153 of the 13th April 1904, the Standing Committee sanctioned the following alterations :—

(1) An increase in the pay of the appointment of 2nd Engineer from Rs. 100 to Rs. 140 per month.

(2) An increase in the moiety of the salary payable to the Supernumerary Engineer, Love Grove Pumping Station and Compressor Station, from Rs. 37-8-0 to Rs. 42-8-0, bringing the total pay of the appointment up to Rs. 80 per month.

(3) The abolition of the appointments of 3rd and 4th Engineers on Rs. 90 and Rs. 75 per month respectively, as soon as the present incumbents of the posts could be otherwise suitably provided for, and

(4) The appointment of 3 Engine drivers on Rs. 40 per month each.

229. The total payments under the new arrangement are the same as before, and in consequence of the resignation of the 3rd and Supernumerary Engineers, it was possible to bring all of the revisions into force before close of the year. The new Engine drivers have so far proved fairly satisfactory, but there is some difficulty in keeping a suitable class of men owing to the want of proper living accommodation at the station.

230. Colonel J. Anderson was in occupation of the stables at Love Grove from the 5th December 1904 until the 31st March 1905 at a monthly rental of Rs. 50, and was allowed to pitch a trainers' tent in the compound from the 16th February to the end of March on further payment of Rs. 10 as ground rent per month.

THE COLABA AIR COMPRESSOR STATION.

231. The machinery of the Compressor Station and the several Ejector Stations worked satisfactorily during the year.

232. The total quantity of sewage lifted during the year amounted approximately to 256 million gallons against 313 millions in 1903-04. The total number of revolutions run by the Compressor engines was 28,853,990 against 34,016,277 in 1903-04. The large reduction in the quantity of sewage lifted was due to the shortage in the monsoon rainfall.

233. 650 tons of Equitable Coal Company's Desharghur coal at a rate of Rs. 12-3-0 per ton and 150 tons of Bird's Desharghur coal at a rate of Rs. 12-1-0 per ton were purchased during the year. The total consumption was 300 tons less than in the preceding year and about 100 tons of the difference may be attributed to the saving of steam effected by the fitting of improved pistons and piston rings to the cylinders of the engines. The improvement which was effected at a total cost of about Rs. 2,000 has thus more than half paid for itself in the course of one year.

234. As mentioned in the last year's report the offer of Messrs. Macbeth Bros. & Co. to fit the "Wilson Smokeless Process" to one of the boilers at the station and to work it free of charge for one month was accepted. Trials of the apparatus were commenced from the 24th of June 1904 and were not successful. Several modifications, which, it was thought, would tend to improve the results, were subsequently made to the apparatus and a further series of trials were made, but the results were still unfavourable and the process was abandoned.

235. Out of the extra provision of Rs. 2,600 made in the Budget for 1904-05, for the purchase of a new set of air cylinder covers for one engine combined with Hughes' patent gland-less Corliss valves, was obtained from Messrs. Hughes and Lancaster, through their agents Messrs. Richardson & Cruddas, at a cost of Rs. 2,600. The new material was delivered in January 1905, and was in process of fitting to B engine at the close of the year.

236. Two sets of firebrick slabs for the combustion chambers of the boilers were also purchased from Messrs. Richardson & Cruddas during the year at a cost of Rs. 95.

237. Mr. Shamrao B. Kantak, 2nd Engineer at the Station, was temporarily transferred to the Water Works Department, from the 20th October 1904 to the 23rd January 1905, and during his absence Mr. Bapuji Barjorji, 3rd Engineer, acted as 2nd Engineer. Sayed Usman, a fitter at the Workshops, conducted the duties of the 3rd Engineer during the same period.

THE LOVE GROVE COMPRESSOR STATION.

238. The machinery of the Compressor Station and the several Ejector Stations in the Mazgaon, Chinchpokli and Parel Districts worked satisfactorily during the year.

239. The repairs to No. 3 Engine, which was accidentally damaged in June 1903, were completed in November 1904 and the engine is now in good order.

240. The combined total number of revolutions run by Nos. 1 and 2 (large) Compressor Engines during the year was 11,525,588. The revolutions of Nos. 3 and 4 (small) engines amounted to 15,868,988 during the same period.

241. The total quantity of sewage lifted by Nos. 1 and 2 Ejectors, Mazgaon District, during the year approximately amounted to 168 million gallons.

242. Regular readings of ejector counters in the Chinchpokli and Parel Districts were not commenced until the 1st of August 1904. From that date until the end of the year the approximate quantity of sewage lifted at each ejector station in these Districts was as follows :—

Name of Ejector Station.	Approximate quantity of sewage lifted in gallons.
No. 1 Fergusson Road	192,347,000
No. 2 Do.	211,617,600
No. 1 Parel	70,243,900
No. 2 Do.	36,369,000
No. 3 Do.	18,468,600
Total ...	529,046,100

243. 1,420 tons of the Equitable Coal Company's Desharghur coal at an average rate of Rs. 12-9-3 per ton and 250 tons of Birds' Desharghur coal at a rate Rs. 12-7-5 per ton were purchased for the station during the year. The average daily consumption was 4 tons 11 cwt. 2 qrs. 1 lb. against 3 tons 13 cwts. 3 qrs. 2 lbs. in the previous year. The increase is due to all of the ejector stations having been in work during the year, whereas such was not the case in the previous year.

244. A cast-iron baffle chamber to replace the masonry chamber at No. 3 Ejector Station, Parel, was made at the Municipal Workshops and put in place in January 1905 at a total cost of Rs. 273-9-3. The cost was met from the grant for Repairs to Machinery.

245. Under the Standing Committee's Resolution No. 153 of the 13th April 1904, the following revisions in the Establishment of the Station were sanctioned :—

(1) An increase in the pay of the appointment of 2nd Engineer from Rs. 90 to Rs. 120 per month.

(2) The abolition of the appointments of 3rd and 4th Engineers on Rs. 75 and Rs. 60 per month, respectively, as soon as the present incumbents of the posts could be otherwise suitably provided for.

(3) The appointment of 3 Engine Drivers on Rs. 35 per month each.

246. The total payments under the new arrangements are the same as before and they were temporarily brought into force before the close of the year.

247. New quarters and an office for the Ejector Fitter, Chinchpokli and Parel Districts, combined with an office for the Drainage Inspector, No. 4 District, were erected on Municipal ground at the junction of DeLisle and Arthur Roads during the year and were brought into occupation from 1st September 1904.

J.

GENERAL.

IMPORTANT SUBJECTS REPORTED UPON.

248. The following is a list of the more important subjects on which I reported during the year :—

(1) Overbridges in general and at Chaupati in particular.
(2) Steel Arch on Vehar Main line.
(3) Laying Electric Mains.
(4) Terrace roof over the Museum.
(5) Smoke nuisance.
(6) An improved method of the numbering of houses.
(7) Improved arrangements for lighting the streets in the City.
(8) Improved form of conditions for Municipal Contracts.
(9) Improved method of naming streets.
(10) Leakage at Tulsi.
(11) Carriage of Kutchra.
(12) Different methods of keeping down dust by oil, Westrumite, &c.
(13) Improved method of constructing Pail Depôts.
(14) Tests for new employees in Municipal Service.
(15) Port Trust Railway Scheme.
(16) Lighting of the Crawford Markets.
(17) Proposed sidings for collection of Kutchra in different parts of the City.
(18) System of reading and recording Water meters.
(19) Proposed Museum for Bombay.
(20) The reorganization of the Water Department.
(21) Flooding at Kasheli and remedial measures for the same.
(22) Rules for construction of Theatres and Circuses.
(23) Mode of charging for water for domestic purposes.
(24) The use of Mica valves.
(25) Removal of Offal from Bandra Slaughter Houses.
(26) "Steel" *versus* "Cast Iron" Water Mains.
(27) The Planting of Roadside trees in the City.
(28) Surcharging of Sewers.
(29) Sewer Ventilation.
(30) Filtration of Tansa Water.
(31) Roof over the new Filters at Malabar Hill Reservoir.

BILLS, VOUCHERS, &c., RECEIVED AND PASSED.

249. Comparative statement of the number of bills, vouchers, &c., received, examined and passed during the five years from 1900-1901 to 1904-1905 :—

Description.	1900-1901.	1901-02.	1902-03.	1903-04.	1904-05.
Bills for Supplies, Works, &c.	11,010	14,535	16,640	19,818	16,507
Departmental Works Bills	4,463	5,074	5,040	5,879	4,730
Private Works Bills	2,339	1,709	2,330	2,885	2,731
Total ...	17,812	21,318	24,010	28,582	23,968

NOTICES, &c., ISSUED.

250. Comparative statement of the number of notices, &c., issued during the five years from 1900-1901 to 1904-1905 :—

Section of the Municipal Act.	Description.	1900-1901	1901-02.	1902-03.	1903-04.	1904-05.
	Street and Building Branch.					
231	To provide rain-water eaves, gutter and down pipes ...	405	99	78	35	684
247	To provide water-closets, privies or urinals	9	25	41	23	6
257	To remove encroachments on drain, cess-pool, house gully, privy, urinal, &c.	3	4	6	...	2
299	Intimation to take possession of land outside building for street improvement	41	51	74	89	94
305	To level, metal or pave drain and light private streets ...	...	...	76	5	...
306	To remove new projections	132	109	138	51	84
308-309	To remove new projections as well as old ones	...	...	...	11	18
309	To remove old projections	2	1	1	...	...
311	To remove or alter door, gate, bar or window opening upon a street	23	21	9	15	32
329	To repair, protect or enclose wells or dangerous places ...	7	2	4	6	4
349	To remove inflammable materials in external walls and roof covering	907	362	778	484	367
351	To remove, alter or pull down structures erected without Municipal approval or to submit plans for the same ...	19	36	33	32	37
351(1)(a) &(2)	To remove the unauthorized works	7	5	12	...	...
353	To alter buildings erected or to amend works done contrary to the provisions of the Municipal Act or Building Bye-laws	354	307	220	198	158
354	To pull down ruinous houses	568	367	318	372	202
380	Removing or altering insanitary huts or sheds	786	320	407	519	709
383	To cut and trim trees, shrubs and hedges	4	3	12	2	2
488	Intimation of intention to enter houses after 24 hours' notice	2,471	1,343	1,468	1,120	1,387
381 (2)	Intimation of intention to enter houses after 48 hours' notice	...	...	...	8	...
298 (2)	Intimation of intention to take possession of land occupied by buildings, &c.	...	...	...	1	1
Bye-law 40	Infringement of the provisions of the Building Bye-laws.	...	...	...	67	119
	Total ...	5,738	3,049	3,665	3,038	3,916
	Drainage, Ordinary Branch.					
222	For laying Municipal drains through or under land belonging to private parties....	47	15	8	43	56
223	For erecting buildings, &c., without permission over drains.	...	...	...	1	...
230	To carry drains through land belonging to other persons.	5	13	21	19	26
231	To drain undrained premises within a hundred feet of a Municipal drain	1,820	3,500	3,000	2,125	1,888
232	To drain undrained premises not within a hundred feet of a Municipal drain	34	51	52	21	41
234	For erecting new buildings without drains	...	...	...	42	7
238	To declare joint ownership of a drain	2	14	16	7	11
240	To pass or construct a drain beneath any part of a building	...	...	...	...	12
244	To affix shafts or pipes or ventilation of drains, &c. ...	4	17	15	5	21
257	To renew, repair, &c., drainage of houses	584	337	1,344	1,155	1,234
257&260	To execute repair, &c., to drain, cesspool, &c., through the Municipal Agency	527	...	...	...	...
258	To prohibit contraventions generally of the provisions of Chapter IX of the Municipal Act	5	5	3	5	10
358	To prohibit the use of any bad material, appliance or fitting by Licensed Plumbers	7	51	41	26	43
488	Entering premises for purpose of surveying	...	...	...	3	15
	Total ...	3,035	4,003	4,490	3,456	3,364

NOTICES, &c.—*continued.*

Section of the Municipal Act.	Description.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.
	Drainage, Special Branch.					
223	For the acquisition of land for making drains	...	...	...	77	...
244	For erecting or affixing pipes for ventilation of drains, &c.	...	...	...	21	12
	Total ...	...	...	...	98	12
	Water Branch.					
278 (2)	To repair and stop leakage of water from taps, service pipes, &c.	5,672	4,885	4,452	4,739	8,879
...	For transferring connections from one main to another ...	1	20	...	...	...
279	To fix meters to service pipes	323	277	227	392	247
284, 285 & 171	To stop wastage of water from taps, &c.	48	33	4	...	...
	Total ...	6,044	5,235	4,683	5,134	9,126
	House Improvement Branch.					
380	Removing or altering insanitary huts or sheds	52	87	83	28	63
426	Demolishing insanitary structures to prevent the spread of infectious diseases	16	...	39	17	...
"	Notices issued intimating to owners the improvements necessary in their houses	1,769	927	321	284	633
I	Notices issued under Epidemic Diseases Act,...	250	441	307	382	257
II	Notices issued under Government Notification No. 228-P of 10th February 1897 for the removal of overcrowding ...	35	261	268	95	127
IV & VII	Notices issued under Government Notification No. 228-P of 10th February 1897 for breaking open the Houses... ...	3	11	...	...	...
IX	Notices issued under Epidemic Diseases Act	20	29	10	15	15
"	Notices issued under Government Notification No. 2675—3877-P of 10th May 1898 for improving the means of ventilation	4	28	...	...	...
	Total ...	2,129	1,724	1,028	721	997

SUMMARY.

Departments.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.
Street and Building Branch	5,738	3,049	3,665	3,038	3,916
Drainage, Ordinary Branch	3,035	4,003	4,490	3,456	3,364
Drainage, Special Branch	.....	.....	.....	98	12
Water Branch	6,044	5,285	4,683	5,114	9,126
House Improvement Branch	2,129	1,724	1,028	721	997
Total ...	16,946	14,061	13,866	12,427	17,415

LETTERS, &c., RECEIVED AND DESPATCHED.

251. Comparative statement of the number of letters, references to Inspectors, &c., received and despatched during the five years from 1900-1901 to 1904-1905:—

Departments.		1900-01.	1901-02.	1902-03.	1903-04.	1904-05.
General and Street and Building Branches	Inward	91,225	81,384	90,210	99,675	113,980
	Outward	97,481	83,108	95,129	105,825	116,437
Drainage, Ordinary Branch ...	Inward	34,469	44,459	49,968	54,589	56,223
	Outward	35,568	46,163	50,638	50,578	57,054
Drainage, Special Branch ...	Inward	7,652	9,210	5,799	3,163	3,764
	Outward	6,450	7,121	4,889	3,964	3,571
Water Branch	Inward	23,768	27,355	29,778	31,464	44,658
	Outward	25,036	26,714	29,162	31,213	42,704
Total ...		312,652	324,513	355,573	378,451	418,391

SUMMARY OF CLERICAL WORK DONE BY THE DIFFERENT BRANCHES.

252. The following is a summary of clerical work done by the different branches of the Department during the year:—

Consecutive No.	Description of Work.	General and Street and Building Branches.	Workshops.	Drainage, Ordinary Branch.	Drainage, Special Branch.	Water Works.	Total.
1	Letters, &c., received, including replies to references to Inspectors, &c.	101,391	4,116	56,223	3,764	14,658	218,625
	H. I. B.	3,570					
2	Letters, &c., despatched, including references to Inspectors for report	101,751	4,741	37,054	3,571	42,704	199,766
	H. I. B.	2,945					
3	Notices issued	3,916	...	3,364	12	9,126	17,258
	H. I. B.	340					
4	Summonses issued	566	...	1,243	...	...	1,808
5	Contracts for annual and other supplies and for the construction of various works executed	41	...	4	5	10	60
6	Leases of various rights sold	11	...	6	...	24	41
7	Vouchers received and passed	9,647	579	3,864	376	1,967	16,507
	H. I. B.	74					
8	References made to Inspectors, &c., for certificates on vouchers	2,858	...	4,019	327	1,954	9,158
9	Reports and certificates received from the Inspectors, &c.	2,851	...	4,019	327	1,954	9,158
10	Departmental and private works bills prepared or received, checked and passed	4,304	745	641	...	1,771	7,461
11	Statements of works done for Municipal Departments, checked and passed	152	...	...	...	...	152
12	Statements of works done for private parties, checked and passed	133	...	...	...	...	133
13	Workshops' Balance Sheets prepared and forwarded ...	...	13	...	...	...	13
14	Statements of recovery of bills against private parties received	106	...	...	...	...	106
15	Requisitions prepared or received and forwarded... ...	1,533	4,813	1,251	79	...	7,676
16	Measurement slips for metal, sand, rubble, &c., received and checked	491	...	...	...	...	491
17	Morning and materials reports, diaries, &c., prepared or received and checked...	8,760	1,412	...	547	...	10,719
18	Muster-rolls received and checked	946	...	...	...	...	946

Consecutive No.	Description of Work.	General and Street and Building Branches.	Workshops.	Drainage, Ordinary Branch.	Drainage, Special Branch.	Water Works.	Total.
19	Statements of wages remaining unclaimed, received and checked	144	...	...	...	...	144
20	Unclaimed wages refund certificates prepared or received and passed	761	...	...	...	...	761
21	Work abstracts for road repairs and maintenance received and checked	144	...	...	...	...	144
22	Work abstracts for road watering received and checked ...	144	...	...	...	...	144
23	Permits issued for projecting verandahs, balconies, rewas, weather frames, &c.	33	...	...	...	...	33
24	Permits issued for erection of scaffolding on public roads.	439	...	...	...	...	439
25	Permits issued for opening roads	3,358	...	...	...	...	3,358
26	Permits issued for temporary occupation of public streets on marriage and other ceremonies...	696	...	...	...	...	696
27	Advice notes for sale of tender forms, rights of cutting grass, &c., hire of steam-rollers, carts, &c., ground rent, sale of building forms under Sections 337 and 342, supplying copies of office records, sale of applications for water connections, fees for testing water pipes, meter fittings, hire of meters, &c., prepared and forwarded to the Chief Accountant	2,088	...	30	4	3,872	5,994
28	Licenses issued to Plumbers	124	...	...	...	...	124
29	Licenses issued to Surveyors	35	...	...	...	...	35
30	Authorities issued to plumbers for opening roads under tram lines	179	...	...	...	...	179
31	Adding ground orders, issued	88	...	...	...	...	88
32	Permits for building or re-building houses granted either conditionally or unconditionally	2,759	...	...	...	...	2,759
33	Claims for compensation for lands, &c., taken up for street improvement, passed	202	...	...	...	...	202
34	Number of road slips prepared and checked	74,460	...	...	...	...	74,460

PLAGUE OPERATIONS.

Inspection, improvement and demolition of insanitary buildings during the year, 1904-1905.

253. Altogether 159 houses were inspected, of which 109 were found more or less in need of improvement, 49 were found incapable of improvement and fit only for demolition, and 1 in such a good condition as not to require any improvement.

254. The demolition of 100 houses and sheds condemned during the previous year and also during the year under review was effected. Besides this, 323 houses for which improvement notices were served were demolished by the owners of their own accord.

255. 157 notices were issued requiring the owners to improve their buildings. 770 houses for which notices had been issued during the previous years and the year under report were taken in hand for improvement. Closing notices for 478 houses were issued, out of which 31 houses were closed permanently for demolition, and 447 temporarily for enforcing improvements in them.

256. In the case of 9 buildings action was commenced to demolish them under Sections I and IX of Government Notification No. D/228 of 10th February 1897, but before the Government Assessor was requested to assess their values they were demolished by the owners of their own accord.

257. Rs. 889 were paid as compensation for structures demolished. This amount includes the compensation for the buildings demolished during the previous years. A further sum of Rs. 104-1-1 was adjusted against the outstanding Municipal bills.

258. The work of abating overcrowding in the congested parts of the City was carried out as during the past years. In all 127 notices were served to reduce overcrowding, and in 89 houses overcrowding was abated.

259. Certificates of fitness for human habitation were issued in the case of 582 buildings. In addition to these, in 205 buildings the improvements have been practically completed, but as there are still a few minor works to be carried out in them the requisite certificates have not been issued.

260. 24,189 letters, &c., were received including replies to references to the Inspectors.

261. 26,777 letters, &c., were despatched including references to the Inspectors for report.

MUNICIPAL SERVANTS' ACT.

262. No circumstance has arisen in this Department during the year under report to necessitate the putting of the Municipal Servants' Act into operation.

I have the honour to be,
Sir,
Your most obedient servant,

JOSEPH HALL, M.I.C.E., M.I.M.E., &c.,
Executive Engineer, Municipality.

K—FIRE BRIGADE.

1. The establishment has been upheld in a state of efficiency during the year, and all appliances are in good condition and thorough working order.

2. Two persons were burned to death at different fires, no blame being attached to the Brigade in either case. Eight persons received injuries at fires necessitating their removal to hospitals, one of whom died and seven were afterwards discharged recovered.

3. No members of the Brigade received injuries at fires of a serious nature except Foreman Mr. W. Scott who, whilst in the execution of his duty at a fire at Supari Bag Road (Jacob Sassoon Mill) on the night of the 8th September, received a contusion of the abdomen, caused by falling down a flight of stairs when overcome by smoke. He was removed to hospital and remained on the sick list for sixty-five days, during which period he was in receipt of full pay in accordance with the Fire Brigade Rules.

4. Twenty-four members of the Brigade resigned or otherwise left the service during the year.

5. Four new horses were purchased in place of two which died and two sold by public auction.

6. The water supply at fires has been satisfactory, and the attendance of the Water Works staff has been prompt and of assistance to the Brigade.

7. The inspection of Fire Hydrants throughout the city has been carried out by the Brigade.

8. The Fire Service at the Municipal Offices and Markets has been maintained in good working order. The employés have also been periodically drilled in the use of the appliances.

9. The van located at Byculla Fire Brigade Station carrying implements for the rescue of persons from the debris of fallen buildings has been called into requisition five times during the year. Thirteen persons were removed from the debris, of which number one was uninjured, eight were removed to Hospitals, of whom one died and seven recovered, whilst three persons were removed dead.

10. An order for 4,800 feet of Delivery Hose and other appliances was satisfactorily executed by Messrs. John Fleming & Co.

11. An order for the supply of a Chemical Engine and Long Ladder was satisfactorily executed by Messrs. Turner Hoare & Co., and a new Boiler for a Merryweather Steamer was also supplied by the same firm to replace one which had been condemned by the Boiler Inspector. This Boiler is now working and giving entire satisfaction. The erection of a shed at Byculla Station for housing both Engine and Ladder is nearing completion.

12. Provision has been made in the ensuing year's Budget for the supply of 96-50 feet lengths of Delivery Hose for fire purposes in place of 80-60 feet lengths condemned and sold by public auction in the year 1903-1904 and a new Boiler for a Merryweather Steamer has also been provided for to replace another old one unfit for Brigade use.

13. The present strength and equipment of the Brigade is as follows :—

Strength.

1 Chief Officer.	8 Engineers.	9 Drivers.
2 Clerks.	13 First Class Tindals.	9 Grooms.
1 Head Foreman.	6 Second Class Tindals.	
5 Foremen.	115 Men of Grades.	

Making a total of 169 of all Ranks.

Equipment.

8 Steam Fire Engines.	16 Hose Reels.	1 Brake.
1 Chemical Engine.	7 Tender Carts.	1 Van.
8 Manuals.	7 Telescopic Ladders.	16 Horses.

Three hundred and sixty-eight lengths of Rubber lined 2½ inch Delivery Hose, aggregating 20, 120 feet and other necessary Fire Extinguishing Appliances.

The distribution of Engines, &c., is as under :—

No.	Stations. Names.	Engines. Steamers.	Chemical.	Manuals	Hose Reels.	Tender Carts.	Fire Escapes.	Brake.	Van.	Horses.	Delivery Hose.	Foremen.	Engineers.	First Class Tindals.	Second Class Tindals.	Firemen of Grades.	Drivers.	Grooms.	Remarks.
1	Byculla ...	3	1	2	3	1	2	1	1	6	97	1	3	2	1	24	4	4	
2	Gowalia Tank ...	1	...	...	2	1	1	...	...	2	34	1	1	1	1	11	1	1	
3	Chinchpokli ...	1	...	...	1	1	1	...	...	2	34	1	1	1	1	11	1	1	
4	Babula Tank ...	1	...	...	2	1	1	...	...	2	34	1	1	1	1	11	1	1	
5	Fort	1	...	...	1	1	1	...	...	2	34	1	1	1	1	11	1	1	
6	Colaba	1	...	...	1	1	1	...	...	2	34	1	1	1	1	11	1	1	
7	Malabar Hill ...	...	...	1	1	...	...	...	...	...	24	...	...	1	...	6	...	...	
8	DeLisle Road ...	...	...	1	1	...	...	...	...	...	14	...	...	1	...	6	...	...	
9	Mahim	...	...	1	1	...	...	...	...	...	14	...	...	1	...	6	...	...	
10	Dadar	...	...	1	1	...	...	...	...	...	14	...	...	1	...	6	...	...	
11	Mazagon	...	...	1	1	...	...	...	...	...	14	...	...	1	...	6	...	...	
12	Bhuleshwar ...	...	...	1	1	1	...	...	...	...	21	...	...	1	...	6	...	...	
	Total	8	1	8	16	7	7	1	1	16	368	6	8	13	6	115	9	9	

14. The number of calls to fires or supposed fires has been 103 which involved the turning out of engines and men, and resulted in 15 false alarms and 88 fires, 59 of which were extinguished by Brigade appliances and 29 before the arrival of the Brigade.

15. The estimated damage to property has amounted to Rs. 22,11,462, showing an increase of Rs. 11,16,899 as compared with the preceding year.

16. The amount of damage to property at the 59 fires extinguished by Brigade appliances is estimated at Rs. 21,72,394, whilst the property in imminent risk of becoming involved at these fires has been rated at Rs. 84,13,810.

17. The estimated damage to insured properties has been Rs. 18,18,740, whilst that to uninsured properties has been Rs. 3,92,722.

18. The estimated quantity of water used for extinguishing fires has been 1,858,400 gallons or about 8,296 tons. Of this quantity 1,541,800 gallons were taken from the street mains and 316,600 gallons from tanks and sea.

19. Sixteen fires were extinguished by the aid of steamers, one by manuals, twenty-eight by hydrants, fourteen by hand pumps and buckets and twenty-nine by private appliances.

20. The fires of 1904-05 show an increase of ten as compared with 1903-04, and with the average of the past 10 years a decrease of 10 fires.

Table No. 1.

List of Causes of Fires for the Year 1904-1905 :—

Cause.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Burning Rubbish... ...	...	...	...	...	...	...	...	1	...	...	...	...	1
Careless use of fire ...	...	...	3	...	1	1	...	2	1	1	3	...	12
Do. Kerosine oil Lamp ...	...	1	...	1	...	...	...	...	...	...	2	...	4
Do. Oil lamp ...	...	...	...	...	...	...	...	1	1	...	1	...	3
Do. Matches ...	...	...	...	...	...	...	...	1	...	...	...	...	1
Careless Smoking... ...	...	...	...	...	...	...	...	...	...	...	1	...	1
Defect in Fire Place ...	...	...	...	...	1	...	...	...	...	...	...	...	1
Do. in Chimney ...	...	...	...	...	...	...	...	...	...	...	1	...	1
Doubtful	...	...	...	...	...	...	1	...	...	...	...	...	1
Friction	1	...	...	...	...	...	...	1	2	1	...	1	6
Kerosine Oil lamp exploding	...	...	...	...	...	...	...	2	...	...	...	...	2
Kerosine Oil lamp upset...	...	...	1	...	...	...	1	2	...	...	1	...	5
Light thrown down ...	2	2	2	...	1	2	1	1	1	...	1	1	14
Matches Igniting	...	...	...	...	...	...	...	...	...	1	...	...	1
Oil boiling over	...	...	...	1	...	...	1	...	...	...	...	...	2
Petrol lamp exploding ...	...	...	...	...	...	...	...	...	1	...	...	...	1
Spark from fire	...	...	...	...	...	...	1	...	1	...	1	...	3
Spark from Locomotive ...	...	...	...	...	...	...	...	...	...	...	...	1	1
Spontaneous combustion...	...	2	...	...	...	...	...	...	...	...	...	...	2
Tar Boiling over	1	...	...	...	...	...	...	...	...	...	...	...	1
Unknown	...	4	1	...	...	2	...	7	2	3	3	1	23
Varnish Boiling over ...	...	...	...	...	...	...	...	...	...	...	...	1	1
Vapour of spirit	...	...	...	...	...	...	...	...	...	...	...	1	1
Total...	4	9	7	2	3	5	5	18	9	6	13	7	88

Table No. 2.

Monthly Summary of Fires and Annual Losses for the period from 1895-96 to 1904-1905 :—

Year.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total Fires.	Estimated Loss. Rs. a. p.
1895-96 ...	15	10	11	9	2	3	9	12	24	13	9	13	130	20,41,571 0 0
1896-97 ...	12	26	8	3	7	8	12	16	8	7	6	9	122	18,75,662 0 0
1897-98 ...	7	12	6	8	4	7	13	18	14	19	9	19	136	19,98,464 0 0
1898-99 ...	9	16	7	3	6	9	13	7	8	23	13	7	115	23,61,915 0 0
1899-00 ...	9	10	4	7	7	4	7	7	12	13	9	4	91	4,11,699 0 0
1900-01 ...	6	6	4	3	...	7	5	13	12	5	9	6	76	1,99,955 0 0
1901-02 ...	7	8	4	...	1	5	7	7	7	6	4	6	62	11,59,233 0 0
1902-03 ...	6	10	4	4	6	1	6	8	7	8	15	5	80	6,17,814 0 0
1903-04 ...	8	10	5	8	1	5	4	7	4	7	11	12	78	10,94,503 0 0
1904-05 ...	4	9	7	2	8	5	5	18	9	6	13	7	88	22,11,462 0 0

Table No. 3.

List of Fires where Property to the extent of Rs. 2,000 and upwards was destroyed during the year 1904-05 :—

Date.	Locality.	Nature of Property.	Damage.
1904.			Rs.
April 28th ...	Dadar	Cotton	3,000
May 6th ...	Duncan Road	Building	25,050
June 16th ...	Kumbarwada, Mahim	Shed	5,000
August 20th ...	Carnac Siding Road	Packing cases	2,000
September 6th ...	Kalbadevi Road	Shop	18,000
,, 8th ...	Suparibagh Road	Mill	40,000
,, 9th ...	Victoria Bunder	Cotton	8,000
November 5th ...	Frere Road	Jowli huts...	5,000
,, 13th ...	Albert Road	Mill	13,00,000
,, 14th ...	Shaik Memon Street	Building	20,000
,, 16th ...	Carnac Bunder	Stacks of Wood	6,810
,, 22nd ...	Arthur Road	Jowli huts...	2,460
,, 24th ...	Jairbhoy Lane	Cotton Cleaning Factory	40,000
,, 26th ...	Naoroji Road	Buildings	2,000
,, 29th ...	Sion Road	Do.	7,000
December 13th ...	Wandby Road, Fort	Canvas tent	2,000
,, 16th ...	Tardeo Road	Cotton	10,000
,, 29th ...	Chinch Bunder Road	Sheds	3,000
1905.			
January 3rd ...	Ripon Road	Cotton	5,000
,, 16th ...	Do.	Spinning Room	25,000
,, 20th ...	Victoria Docks	Buildings	3,50,000
February 13th ...	Mazagon	Sheds	6,200
,, 18th ...	Tardeo Road	Mixing Room	15,000
,, 27th ...	Sewri Road	Mill	2,50,000
March 2nd ...	Abdul Rahiman Street	Building	41,000
,, 16th ...	Mahim	Hay	8,000
,, 22nd ...	Madanpura	Building	5,500

L.—PUBLIC GARDENS.

REPORT OF THE SUPERINTENDENT OF MUNICIPAL GARDENS, RECEIVED UNDER HIS No. 479, DATED 17TH MAY 1905.

1. The following gardens were maintained during the year under report :—

(*a*) Victoria Gardens.
(*b*) Elphinstone Circle Garden.
(*c*) Northbrook Garden.
(*d*) Malabar Hill Garden.
(*e*) Bazar Gate Garden.
(*f*) Falkland Road Garden.
(*g*) Dick's Tank Garden.
(*h*) Municipal Office Garden.
(*i*) Sir Cawasji Jehangir Garden at Mahim.

2. The total number of visitors to the Victoria Garden for the year was 1,565,196 which is over a lac more than in the past year, showing the steady increasing popularity of the Gardens.

3. The metalling of and repairs to roads were continued, part of the work being done by the Executive Engineer's Department by steam-rolling, and part departmentally as usual, including some new roads around the new aviaries, &c. All the roads were also maintained as usual in as good a condition as possible.

4. The construction of and repairs to storm-water drains were continued as usual.

5. The improvement and the planting of the ground, specially around new cages, was carried out to a large extent, and the planting of new trees and shrubs in different parts of the garden continued. The area of the garden is being gradually circumscribed by the extension of the Zoo, and it is difficult to find room for planting new trees, &c., unless some of the existing ones planted originally in large numbers are removed.

6. The Executive Engineer was supplied with 686 trees of different kinds for road side planting.

7. As in the previous year I was allowed to visit the Poona Flower Show, where I had taken for exhibition a collection of new and rare plants and was awarded a special prize for the same.

8. At the end of the year I also paid a visit to several gardens, especially in Northern India, *viz.*, those at Gwalior, Agra, Cawnpore, Lucknow, Saharanpur, Lahore, Delhi, Joypore and Baroda. The visit resulted in the introduction to the gardens of a large number of new plants which are included in the list in Appendix A attached to this report.

9. With the introduction of a number of new plants every year for several years past, involving much labour for their care, maintenance and propagation in large numbers for planting and for sale purposes, and with the increased and successful efforts to increase the sale of plants—the receipts from this source having nearly doubled within the past 12 years—the work in the nursery has considerably increased.

10. The Band President of the B. B. & C. I. Railway Volunteers was kind enough to permit his band to give fortnightly performances at the gardens as in the past year which were highly appreciated by the public, and our best thanks are due to the Band President for the same. Three second-hand Washington lamps were purchased for lighting the grounds on band evenings, to save the expense and trouble of procuring them on hire at short notice. The rickety wooden platform erected last year for the bandsmen was removed, and one of earth made instead and turfed over, which serves the purpose much better in every way.

11. All the other gardens were maintained in good condition. The Northbrook Garden still continues to be occupied by health camps, while the Mahim Garden has also now been utilized for the same purpose. The old shed of the mullee in the Falkland Road Garden which had become entirely unfit for habitation was replaced by a new pucca quarters.

12. The notable improvements in the Zoo during the year under report were the construction of two lofty and extensive cages for game birds, and a similar aviary for other birds of sorts. Each of the two first are 110 feet long, 20 feet broad and 20 feet high, and the latter a graceful dome shaped structure, 85 feet long, 32 feet broad and 22 feet high up to the central ridge. They are all built on a slightly raised plinth of earth, the whole entirely covered with wire netting except a small portion near the central ridge provided with a narrow planked shelter to the birds from the sun and rain, and enclosing inside large umbrageous trees, shrubs and undergrowth of dwarf bamboos, grasses, &c., in which the inmates live and revel under conditions as nearly approximating as artificial arrangements allow to those in which they live naturally. Special steps were taken to collect a large number of birds from different parts of India to stock these new structures, which include many interesting specimens never exhibited in the gardens before. All the birds have thriven very well up to now in these new aviaries, and some birds have already attempted to build nests and lay eggs therein on the trees and in the undergrowth, but it is to be feared that the aviaries are too full of a large number of different kinds of birds for an undisturbed successful hatching of the eggs.

13. Another desirable improvement was the addition of a large exercise yard with earth flooring to one of the old tiger cages, giving sufficient room to the animals to jump about and stretch their limbs in.

14. As ant-eaters were received in the gardens on two or three occasions before, but had no suitable cage for their accommodation, a small house of stone masonry and expanded metal was constructed to house them in future when received, with ample provision in it for their burrowing habit and propensities in earth without danger of their escaping in so doing. In the absence of the animal at present, porcupines have been housed temporarily in it, in which they are thriving and propagating apace.

15. The old cages now used as an infirmary for sick animals were all throughly repaired and strengthened.

16. A large consignment of rare and costly animals, including a pair of giraffes, a puma, lion cubs, a zebra, Capuchin monkeys, &c., brought to Bombay for sale by an Austrian firm of dealers in wild animals, was given accommodation in the gardens at the risk and expense of the firm, but the grant for the purchase of animals was unfortunately too small to allow of the purchase of even a single animal among them. This system of temporarily depositing rare animals which are too costly to purchase, or are not available for sale, which is in vogue in all the European Zoological Gardens, allows of an opportunity being given to the public to see them which could not be done otherwise. The whole lot was subsequently purchased by the Maharajah of Mysore for his own gardens.

17. A list of the animals presented to and born in the gardens, as also of those added by purchase or exchange, and of the principal casualties during the year under report, is given in Appendix B. It is unfortunate to record the death of three kangaroos, two monkeys and some guinea-pigs and rabbits from plague.

18. The elephant rides continued to be as popular as before, realizing receipts up to the usual average. They are, however, not taken as much advantage of by children as they ought to be, the number of children taking rides during the year being only 4,962 against 5,287 adults.

19. The budgetted and the actual expenses incurred on the several gardens for the year under report, are as follows. It is gratifying to note that the receipts again showed a substantial increase over that of last year, and are the largest realized since I took charge of the gardens 12 years ago, *viz.*, Rs. 10,600 :—

	Names of the Gardens.	Total Budgetted Amount.	Actual Amount spent.
		Rs. a. p.	Rs. a. p.
(*a*)	Victoria Gardens	69,555 15 3	62,158 5 8
(*b*)	Elphinstone Circle Garden	1,389 10 0	1,044 5 0
(*c*)	Northbrook Garden	1,554 2 4	991 7 7
(*d*)	Malabar Hill Garden	592 0 0	584 5 11
(*e*)	Bazaar Gate Garden	790 0 0	517 3 5
(*f*)	Falkland Road Garden	429 14 0	230 11 5
(*g*)	Dick's Tank Garden	387 11 3	247 2 6
(*h*)	Sir Cowasjee Jehangir Garden at Mahim	646 0 0	456 14 9
	Total ... Rs.	75,345 4 10	66,230 8 3

APPENDIX A.

LIST OF PLANTS INTRODUCED IN 1904-05.

Acanthus ilicifolius,	Purchased from the Government Hortl. Gardens, Lucknow.
Acer obtusatum	" " Government Agri-Hortl. " Lahore.
Adiantum rubellum	" " " " " "
Aerides multiflorum	" " Mr. J. C. Prazer, Burmah.
Ailanthus excelsa	Received in exchange from the State Gardens, Baroda.
Aloe arborescens	Purchased from the Government Hortl. " Lucknow.
Amomum magnificum	Received in exchange from Mr. H. V. Kemball.
Aristolochia gigas grandiflora	Purchased from the Government Hortl, Gardens, Lucknow.
Arthrostemma lineatus	" " " Botanical " Saharanpur.
Asparagus acutifolius	" " " Hortl. " Lucknow.
" falcatus	" " " Agri-Hortl. " Lahore.
" nanus variegatus	" " " Botanical " Saharanpur.
Balanites Roxburghii	" " Mr. S. P. Chatterji, Calcutta.
Bauhinia purpurea var	" " the Government Hortl. Gardens, Lucknow.
" Richardsonii	Received in exchange from Mr. H. V. Kemball.
" triandra	Purchased from the Government Hortl. Gardens, Lucknow.
Begonia, Dr. King	" " Mr. S. P. Chatterji, Calcutta.
" sp. (Java)	" " " " "
Berberis aristata	" " the Government Botanical Gardens, Saharanpur.
Bignonia adenophylla	" " " Hortl. " Lucknow.
" undulata	" " Messrs. James, Veitch & Sons, London.
Billbergia bicolor	" " Government Hortl. Gardens, Lucknow.
Bischoffia Javanica	" " " Botanical " Saharanpur.
Bletia hyacinthiana	" " " Hortl. " Lucknow.
Brachychiton diversifolia	" " " Agri-Hortl. " Lahore.
" populneum	" " " " " "
Breynia rhamnoides	" " " Botanical " Saharanpur.
Buddleia diversifolia	" " " " " "
Cacalia chelonoides	" " " Hortl. " Lucknow.
Calamus tenuis	" " " Botanical " Saharanpur.
Calathea fasciata	" " Messrs. James, Veitch & Sons, London.
Callicarpa macrophylla	Received in exchange from Mr. H. V. Kemball.
Callistemon rigidum	Purchased from the Government Agri-Hortl. Gardens, Lahore.
Caryopteris laneeolatum	" " " Hortl. " Lucknow.
" Mastacanthus	" " " " " "
" Wallichiana	" " " " " "
Cassia javanica floribunda	Received in exchange from Mr. H. V. Kemball.
Cedrus Libani var. deodara	Purchased from the Government Botanical Gardens, Saharanpur.
Cereus chilensis	" " " Hortl. " Lucknow.
" grandiflora	" " " " " "
" martianus	" " " " " "
" multiplex	" " " " " "
" pentalophes	" " " " " "
Ceriscus corymbosa	" " " Botanical " Saharanpur.
" fasciculatum	" " " " " "
" Newellii	" " " Hortl. " Lucknow.
Chimonanthus fragrans	" " " " " "
Chiococca racemosa	" " " Botanical Gardens, Saharanpur.
Clerodendron Colebrookianum	" " " " " "
" cordatum	" " " " " "
Colebrookia oppositifolia	Purchased from Messrs. James, Veitch & Sons, London.
Combretum decandrum	Received in exchange from the Empress Gardens, Poona.
Croton Mrs. Meleod	Purchased from the Government Botanical " Saharanpur.
Cyrtopodium venustum	" " " " " "
Cytopera flava	" " " " " "
Cunninghamia sinensis	" " Mr. J. C. Prazer, Burmah.
Dasylirion serratifolium	" " Government Agri-Hortl. Gardens, Lahore.
Dendrobium dracenis	" " " Botanical " Saharanpur.
" striata	" " " Hortl. " Lucknow.
Deutzia staminea	" " Messrs. James, Veitch & Sons, London.
Dioscorea illustris	" " " " " "
Diplaclenia amabilis	" " " " " "
" splendens	" " " " " "
Dracaena Duchess of York	" " " " " "
" Jamesii	Received in exchange from H. V. Kemball.
" The Sirdar	
" Victoria	

Dracæna Warrenii	Purchased from	Messrs. James, Veitch & Sons, London.
„ of sorts	„ „	the Government Hortl. Gardens, Lucknow.
Echinopsis multiplex	„ „	„ „ „ „
Eranthemum igneum	„ „	Messrs. James, Veitch & Sons, London.
Erythrina umbrosa	„ „	the Government Hortl. Gardens, Lucknow.
Eugenia Michelii	„ „	„ „ „ „
„ Wildenovii	„ „	„ „ „ „
Eulophia explanata	„ „	Botanical „ Saharanpur.
„ laxiflorum	„ „	„ „ „
„ purpurea	„ „	„ „ „ „
„ sp. (pink flowered)	„ „	„ „ „ „
Euonymus japonicus	„ „	Hortl. Gardens, Lucknow.
„ „ aurea	„ „	„ „ „
„ latifolia alba	„ „	Agri-Hortl. Gardens, Lahore.
„ „ aurea	„ „	Hortl. „ Lucknow.
Faederia foetida	„ „	„ „ „ „
Franciscea confertiflora	„ „	Messrs. James, Veitch & Sons, London.
Gardenia arborea	„ „	the Government Hortl. Gardens, Lucknow.
„ chinensis	„ „	„ „ „ „
„ turgida	„ „	„ Botanical Gardens, Saharanpur.
Gesneta exoniensis	„ „	Messrs. James, Veitch & Sons, London.
Gleditschia ferox	„ „	the Government Hortl. Gardens, Lucknow.
Gloxinia insignis	„ „	„ „ „ „
Goldfussia glomerata	„ „	„ „ „ „
„ sp.	„ „	„ „ „ „
Gymnema tingens	„ „	„ Botanical Gardens, Saharanpur.
Holcoonia illustris var rubricaulis	„ „	Messrs. James, Veitch & Sons, London.
Hemia myrtifolia	„ „	the Government Botanical Gardens, Saharanpur.
Hibiscus Bambertii	„ „	„ Hortl. „ Lucknow.
„ limbata	„ „	„ „ „ „
„ lucien linden	„ „	„ „ „ „
„ r. s. cruentus	„ „	„ „ „ „
„ „ fulgidus	„ „	„ Botanical „ Saharanpur.
„ „ Hawkerii	„ „	„ „ „ „
„ tricuspis	„ „	„ „ „ „
Hottuynia cordata	„ „	„ Hortl. „ Lucknow.
Hymenopyramis brachiata	„ „	„ „ „ „
Hypericum cernuum	„ „	„ Botanical „ Saharanpur.
Ixiea bonaiensis	„ „	„ Hortl. „ Lucknow.
Ilex cassine	„ „	„ „ „ „
Indigofera pulchelli	„ „	„ Botanical „ Saharanpur.
Ixora javanica	„ „	„ Hortl. „ Lucknow.
Jacaranda sp.	„ „	„ Botanical „ Saharanpur.
Jacobinia chrysostephana	Received in exchange from	Mr. H. V. Kemball.
„ paueiflora	„ „	„ „
„ penrhosiensis	„ „	„ „
Juncus compressus	Purchased from	the Government Hortl. Gardens, Lucknow.
Justicia ventricosa	„ „	„ Botanical „ Saharanpur.
Karria japonica	„ „	„ Hortl. „ Lucknow.
Laurus sp.	„ „	„ „ „ „
Lonicera aurea reticulata	„ „	„ Agri-Hortl. „ „
„ brachypoda	„ „	„ Botanical „ Saharanpur.
„ japonica aurea reticulata	„ „	„ „ „ „
„ odorata	„ „	„ Agri-Hortl. „ Lahore.
„ quinquelocularis	„ „	„ Botanical „ Saharanpur.
Lycium Ruthenicum	„ „	„ Agri-Hortl. „ Lahore.
Macrozamia spiralis	„ „	„ Botanical „ Saharanpur.
Mallotus philippinensis	„ „	„ „ „ „
Mamillaria gracilis	„ „	„ Hortl. „ Lucknow.
Mango Ennurrua	„ „	„ Botanical „ Saharanpur.
„ Faqirwala	„ „	„ „ „ „
„ Gopalbhag	„ „	„ „ „ „
„ Hatijhul	„ „	„ „ „ „
Maximiliana panamensis	„ „	„ Hortl. „ Lucknow.
Medinella sp. Java	Received in exchange from	Mr. H. V. Kemball.
Meladinus monogynus	Purchased from	the Government Hortl. Gardens, Lucknow.
Mimusops kaki	„ „	„ „ „ „
Morus alba	„ „	„ Botanical „ Saharanpur.
„ chinensis	„ „	„ „ „ „
Musa rosea	„ „	„ Hortl. „ Lucknow.
Mussaenda corymbosa	„ „	„ „ „ „
„ luteola	„ „	„ „ „ „
Nepenthes intermedia	„ „	Messrs. James, Veitch & Sons, London.
„ Hookeria	„ „	„ „ „ „

Nepenthes masteriana	Purchased from	Messrs. James, Veitch & Sons, London.			
Olea cuspidata myrtifolia	"	"	the Government Botanical Gardens,		Saharanpur.
Opuntia candelabriformis	"	"	"	Hortl.	" Lucknow.
Owenia cerasifera	"	"	"	"	" "
Phaedranasa glorioza	"	"	"	Botanical	" Saharanpur.
Phanius maculatus	Received in exchange from the Empress Gardens, Poona.				
" mishmensis	"	"	"	"	" "
Phalaris chinensis	Purchased from the Government Botanical Gardens, Saharanpur.				
Phlogacanthus alba	"	"	"	Agri-Hortl.	" Lahore.
Phormium tenax var variegatum	"	"	Messrs. James, Veitch & Sons, London.		
Phyllarthron comorense	"	"	the Government Hortl. Gardens, Lucknow.		
Phytelephas macrocarpa	Received in exchange from Mr. H. V. Kemball.				
Pilea sp.	Purchased from the Government Hortl. Gardens, Lucknow.				
Piper porphyrophyllum	"	"	Messrs. James, Veitch & Sons, London.		
Pistacia integerrima	"	"	the Government Agri-Hortl. Gardens, Lahore.		
Pitcairnia angustifolia	"	"	"	Botanical	" Saharanpur.
Pitcairnia punicea	"	"	"	Hortl.	" Lucknow.
Plantain Cavendish	"	"	"	"	" "
Podocarpus chinensis	"	"	"	"	" "
Polypodium nerifolium cristatum	"	"	Messrs. James, Veitch & Sons, London.		
" schneideri	"	"	"	"	"
Portulacca pilosa	"	"	the Government Hortl. Gardens, Lucknow.		
Ptycheraphis augusta	Received in exchange from Mr. H. V. Kemball.				
Quercus incana	Purchased from the Government Botanical Gardens, Saharanpur.				
Ruellia formosa	"	"	"	"	" "
Ruscus hypophyllus	"	"	"	Hortl.	" Lucknow.
Salvia hispanica	"	"	"	Botanical	" Saharanpur.
" Pitcherii	"	"	"	Agri-Hortl.	" Lahore.
Sambucus variegatus	"	"	"	Botanical	" Saharanpur.
Sansiviera macrophylla	"	"	"	Hortl.	" Lucknow.
Scilla lanceafolia	"	"	"	"	" "
Schinus terebinthifolius	"	"	"	"	" "
Schizostaglottis cristata	"	"	Mr. S. P. Chatterji, Calcutta.		
Sedum Sieboldii mediopictum	"	"	Messrs. James, Veitch & Sons, London.		
Solanum nervosum	"	"	the Government Botanical Gardens, Saharanpur.		
Spiraea corymbosa	"	"	"	"	" "
" prunifolius fl. pl.	"	"	"	Agri-Hortl.	" Lahore.
Stachys Janata	"	"	"	Botanical	" Ootacamund.
Stapelia angulata	"	"	"	Hortl.	" Lucknow.
" gigantea	"	"	"	"	" "
" hermaifs	"	"	"	"	" "
Stephanophysum longifolia	"	"	"	"	" "
Sterculia platanifolia	"	"	"	Agri-Hortl.	" Lahore.
Stuartia pseudo-camellia	"	"	"	Hortl.	" Lucknow.
Tecoma grandiflora	"	"	"	Botanical	" Saharanpur.
" undulata					
Thunbergia Harrisii					
Tuja articulalis					
Ulmus integrifolia	"	"	"	Hortl.	" Lucknow.
Vallaris dichotoma	"	"	"	Agri-Hortl.	" Lahore.
Vinca major	"	"	"	Botanical	" Saharanpur.
" variegata	"	"	"	"	" "
Wrightia coccinea	"	"	"	"	" "
" mollissima	"	"	"	"	" "
Yucca filamentosa	"	"	"	"	" "
" quadricolor	"	"	"	"	" "
" variegata	"	"	"	"	" "

APPENDIX B.

LIST of Increase and Decrease of Animals in the Victoria Gardens during 1904-1905.

A.—The following were added to the collection during the year under report :—

By Presentation—

2 Four-horned Antelopes	By Mr. K. C. Rushton.
1 Malbrouck Monkey	,, Aga Jelal Shah.
1 Crab-eating Monkey	,, Mr. W. R. Rice.
1 Serval Cat	,, Lt.-Col. A. W. S. Allas.
2 Red Spur Fowls	,, Mr. T. W. Cuffe.
1 Persian Gazelle	,, The Commissioner of Police.
1 Sulphur-crested Cockatoo	,, Mr. Jijibhoy M. Jijibhoy.
2 Fat-tailed Sheep	,, ,, Hormusji C. Petit.
1 Mouse Deer	,, Miss Gordon Hutchinson.
1 Cinereous Vulture	,, Major Marshall.
3 Leopards	,, Mr. Keshawji Dosa.
2 Four-horned Antelopes...	,, The Trustees of the Pinjrapole.
1 Spotted Deer	,, Capt. G. Liston, I.M.S.
1 Leopard Cub	
1 Indian Sloth Bear Cub...	
2 Slow Loris	,, Capt. W. H. Lane.
1 Wild Boar	,, Col. Lucas.
1 Four-horned Antelope	,, Mr. A. H. Deane.
1 Indian Gazelle	,, ,, D. N. Graham.
2 Tiger Cubs	,, Maj. F. W. Caiar Jones, R.A.M.C.
1 Scaly Ant-eater...	,, Mr. Merwanji Cursetji.
1 Do.	,, ,, Black.
1 Hyæna	,, ,, P. J. Tomkins.
1 Indian Antelope	,, Mrs. C. Sethna.
1 Spotted Deer	,, Mr. E. R. Smetham.
3 Lynx	,, ,, C. Tr nch, I. C. S.
1 Houbara Bustard	,, ,, A. D. Bingham.
1 Greater Sulphur-crested Cockatoo	,, ,, W. J. Brooke.
2 Indian Antelopes	,, ,, Cowasji D. Engineer.
1 Indian Gazelle	
2 Sloth Bears	,, ,, P. C. Dutt.
1 Indian Gazelle	,, Mrs. C. J. D Quadros.
1 Doomba Sheep	,, Mr. Behram D. Merwan.
1 Lynx	,, Col. A. Wapshare.
1 Dog-faced Baboon	,, Mr. R. Allen.
1 Indian Antelope	,, ,, A. Hunter.
3 Giant Tortoises	,, Rear Admiral G. L. Atkinson Willes.
1 Arabian Gazelle	,, Dr. C. F. Underwood.
1 Indian Antelope	,, Mrs. Pestonji Bhandara.
1 Wild Boar	,, Mr. F. Pratt, I. C. S.
4 Abyssinian Guinea Fowls	,, Maj. F. Locke.
2 Thrushes	,, Dr. Weatherall.

Born in the Gardens—

6 Spotted-billed Ducks.	2 Indian Porcupines.
3 Sambur Deer.	2 Malbrouck Monkeys.
2 Hog Deer.	2 Four-horned Antelopes.
3 Indian Antelopes.	1 Spotted Deer.

By Purchase—

2 Llamas.	2 Australian Magpies.
2 Indian Foxes.	4 Marmosets.
1 ,, Wolf.	2 Cassowaries.
3 Mongoose Lemurs.	1 Hymalayan Bear Cub.
2 Black-tailed Wallabies.	1 Leopard Cat.
3 Brush-tailed rock-Wallabies.	2 Syke's Monkeys.
1 Lynx.	2 Vulturine Guinea-Fowls.
1 Black-striped Wallaby.	2 Ostriches.
4 Variegated Lorys.	2 Silver Pheasants.
1 Pole Cat.	1 Cheer ,,

1 White-crested Kalij Pheasant, and a collection of Aquatic birds, such as Demoiselle Cranes, White Storks, White Ibis, Spoon-bills, Black Ibis, Snake Birds, Cormorants and ducks of different kinds, and a large collection of Indian and Himalayan birds consisting of Red-billed Blue Magpies, Green Magpies, Chinese Jay-thrushes, Laughing Thrushes of different kinds, Orioles, Ground Thrushes, Bronze-winged Doves and other smaller birds.

By Exchange—

2 Great Grey Kangaroos. } From the Melbourne Zoological Gardens.
2 Black-tailed Wallabies. }

B.—The following were among those that died during the year under report:—

1 Nilgai (Young).
1 White-necked Stork.
4 Pelicans.
1 Black Lemur.
1 Pig-tailed Monkey.
2 Marmosets.
1 Black Swan.
1 Leopard.
2 Monaul Pheasants.
2 Doomba Sheep.
4 Indian Sloth Bears.
1 Crown Pigeon.
1 Llama.
1 Rat Kangaroo
1 Serval Cat.
2 Tiger Cubs.
1 Houbara Bustard.
2 Mandarin Ducks.
2 Himalyan Bears.
1 Ostrich (young).
1 Mongoose Lemur.
1 Leopard Cub.
1 Dingo.
1 Silver Pheasant.
1 Hog Deer.
3 Wallabies.
3 Kangaroos.
1 Indian Wolf.
1 Phalanger, and other smaller Mammals, Deer, Antelopes and Birds.

M.-THE VICTORIA & ALBERT MUSEUM.

REPORT OF THE SECRETARY, VICTORIA AND ALBERT MUSEUM, RECEIVED UNDER HIS No. 56 OF 12TH MAY 1905.

Curatorship.

I. From the 1st May 1904, I went home on leave for six months and Mr. Jasper Brett, Vice-Principal, Sir J. J. School of Art, was appointed to act for me as Curator of the Museum. During my absence from Bombay Mr. Brett carried on the duties of the Curator's office in such a way as gave me entire satisfaction.

The Building.

II. During the year under review the dangerous portions of the terrace roof of the Museum building were all opened out and the repairing work was duly taken in hand by the Presidency Executive Engineer under Government orders. Consequently, the upper floor of the Museum building remained closed to the public throughout the year and will remain so until the whole roof is put in thorough repair.

No. of Visitors.

III. The following table gives the number of days the Museum was opened, and the number of visitors in the year ending 31st March 1904 and 1905, respectively :—

Year.	Days Museum Open.	Number of Visitors.	Daily Average.
1903-04	312	7,43,323	2,382
1904-05	313	7,04,370	2,250

Advance made during the year.

IV. The mounted specimen of American bison was exhibited in a new pictorial group case fitted up with the animal's natural surroundings. Also two stuffed crocodiles were arranged in another pictorial group case fitted up with the crocodile's natural surroundings. These pictorial group cases have already begun to attract crowds of visitors. I propose to have more cases of the pictorial group type and in course of time, a really popular Museum, such as is possessed by no other city, will be developed, illustrating the surroundings and habits, when free, of the animals seen in the cages in the Gardens.

Mr. Mason, a specialist, was engaged on the Museum establishment for 180 days, during which time he assisted the Curator in fitting up the pictorial group cases, and also wrote about 500 labels. An extra clerk was also employed for four months. The extra clerk assisted Mr. Mason, and translated a large number of the names of specimens into Marathi.

The Assistant Curator, Mr. Dixon, identified and named 211 specimens of Indian fishes and prepared a systematic list of the Zanzibar fishes he had identified and named during the previous year.

New Specimens, Natural History.

V. One mouse deer, two nilghai, one spotted deer, four antelopes, one rhea, two bears, one wallaby, one llama, one young loris, one small Indian civet, two young porcupines, one gazelle, one young langur, and two prematurely born tiger cubs ; also fifteen birds and five reptiles which died in the Victoria Gardens were forwarded by the Superintendent to the Museum. The mammals were all skinned at the Museum and the skins were cured and dressed. The dressed skins have been exhibited on the walls in the Taxidermist's room. The birds and reptiles were also skinned and the skins were cured and stuffed for exhibition at the Museum.

Economic products.

VI. The Circular letters addressed to the Conservators of Forests through the Commissioners of their Divisions were readily attended to and the result was that 85 new specimens of timbers were added to the Museum Collections. The Conservator of Forests, Southern Circle, supplied 51 specimens, the Divisional Forest Officer, Nasik, 21 specimens and the Divisional Forest Officer, Central Thana, 13 specimens. Samples for exhibition purposes will be prepared from these timbers as soon as the specimens become sufficiently dry. A case of North Kanara timbers in book form exhibited by Mr. V. A. Coelho, Government Timber Contractor, Karwar, at the Bombay Industrial and Agricultural Exhibition of 1904, was also secured by purchase.

Library.

VII. The books acquired by the Museum Library consisted of several important works on natural history, zoology and entomology. The most conspicuous among these was Dr. Wytsman's *Genera Insectorum*, a very valuable work of reference.

Donations.

VIII. Government presented to the Museum, a chromolithograph of an early 17th century woollen pile carpet made at Lahore, in the royal carpet factory established by the Emperor Akbar, for Mr. Robert Bell, one of the first Directors of the Honourable East India Company, and presented by him in 1634 to the Worshipful Company of Girdlers of the City of London.

The Museum also received, by presentation from Government, the whole of the collection of forest products exhibited by Mr. G. M. Ryan, Officer-in-Charge, Forestry Section, at the Bombay Industrial and Agricultural Exhibition of 1904, agreeably to Government Resolution in the General Department No. 594 of the 30th January 1905.

The Honourable Mr. Vithuldas Damoder Thakersey, Chairman, Bombay Industrial and Agricultural Exhibition Committee, presented to the Museum a large piece of Sangareni coal; and Mr. V. A. Coelho, Government Timber Contractor, Karwar, gave a bamboo horn.

Specimens of Para rubber and several other important economic products were received from Col. Wyllie, Cantonment Magistrate, Belgaum. The Dewan of the Sachin State also presented to the Museum a model of a sugar-cane mill and a few specimens of minor economic products exhibited by him at the Bombay Industrial and Agricultural Exhibition of 1904, while specimens of timber were presented by Messrs. A. Mackenzie and Sons.

Mr. Seton-Karr presented to the Museum forty-eight specimens of Paleolithic implements which were systematically arranged in the case set apart for ancient relics. Also four musket bullets said to have been used by the Marathas in the battle of Assaye in 1804, were received by presentation from Mr. N. R. Willmott of Deccan Hyderabad.

Coins.

IX. Coins were received from the Bombay Branch Royal Asiatic Society, by order of the Government of India, No. 46—1668—82, 9th October 1884, they were :—

(1) Two silver coins—one of Aurangzeb and one of Mahommad Shah—found in the Poona District.

(2) Eight copper coins—six of Firuzshah, one of Mahommad bin Tughlak and one bearing conjoined names of Firuzshah and his son Fatte Khan—found in the Kaira District.

APPENDIX A.

Statement showing the expenditure incurred on the Victoria and Albert Museum during the year 1904-1905.

Particulars.	Budget Estimate.	Actual Expenditure.	Remarks.
	Rs. a. p.	Rs. a. p.	
Museum Establishment	6,042 0 0	5,801 5 4	
Pension Contribution	150 0 0	149 3 0	
Contingencies	1,000 0 0	687 2 8	
Purchase of Specimens	2,400 0 0	* 1,363 3 6	* Specialist for writing labels Rs. 900 0 0. Extra Clerk ... „ 210 0 0 Chemicals ... „ 253 3 6
Renewed Grant	673 2 0	Nil.	
Purchase of Scientific Books	500 0 0	277 3 0	
Annual Repairs	800 0 0	1 6 5	
Maintenance of Museum Garden ...	600 0 0	600 0 0	
Insurance of Museum Buildings	485 0 0	460 2 6	
Total Estimate ...	12,650 2 0	9,129 10 5	Expenditure.

ANNUAL REPORT ON THE GENERAL STORES DEPARTMENT FOR THE YEAR 1904-05.

(Report of the Storekeeper submitted with his No. 3887 of 23rd July 1905.)

1. The Department was established on 1st March 1904, the Central Depôt being located at Chinchpogly, with a Sub-Depôt at Bellasis Bridge, for drainage pipes, fittings, cement, etc., an Imprest at Paltan Road, for Municipal Workshops, and a Disinfectant Godown at Foras Road. The Water Works special stores such as cast-iron pipes, sluices, meters, etc., are located in the Water Works yard adjoining the Central Depôt.

2. The Departments taken in hand for supplies from 1st March 1904 were—

Municipal Workshops for general stores ;

Water Works Department for special and general stores ;

Drainage Departments (Special and Ordinary Branches) for special stores ; and

All Departments for disinfectants.

The remaining departments were taken over by the end of the year for general and special stores.

3. During the year two godowns with offices were constructed at the Central Depôt.

4. The most important transactions during the year were—

(i) Contract with Messrs. John Fleming & Co. for 48″ and 32″ cast-iron pipes to the approximate value of Rs. 3,10,424-7-5. These pipes are required for the work of diversion of 32″ Vehar Main.

(ii) Contract with Messrs. Richardson and Cruddas for stoneware pipes to the approximate value of Rs. 44,204-14-9 for Special Drainage Works.

(iii) Contract with Messrs. Turner, Hoare & Co. for 4″ cast-iron pipes to the value of Rs. 20,933-8-6 required for the work of laying mains at Agripada, Nagpada and elsewhere.

(iv) Contract with Messrs. W. and A. Graham & Co. for supply of 5,000 casks of cement to approximate value of Rs. 38,125-0-0. These were required mostly for Drainage Works and for construction of new filter beds, Malabar Hill Reservoir.

(v) Contract with Messrs. Adamji Mahamedali & Co. for special water fittings to value of Rs. 8,912-10-9.

5. Besides above the following periodical contracts were dealt with from 1st March to 31st August 1904 and from 1st September 1904 to 28th February 1905 respectively :—

(i) For supply of ship chandlers stores ...	Messrs. Adamji Mahamedali & Co. from 1st March to 31st August 1904 and Messrs. Esufalli Abdulalli & Co. from 1st September 1904 to 28th February 1905.
(ii) For supply of miscellaneous stores ...	Messrs. Adamji Mahamedali & Co. from 1st March to 31st August 1904 and again from 1st September 1904 to 28th February 1905.
(iii) For supply of metal	Messrs. Adamji Mahamedali & Co. from 1st March to 31st August 1904 and Messrs. Esufalli Abdulalli & Co. from 1st September 1904 to 28th February 1905.
(iv) For supply of hardware	Messrs. Hatimbhoy Gulam Husein & Co. from 1st March to 31st August 1904 and Messrs. Adamji Mahamedali & Co. from 1st September 1904 to 28th February 1905.
(v) For supply of paints, varnishes, etc. ...	Messrs. Esufalli Abdulalli & Co. from 1st March 1904 to 28th February 1905.
(vi) For supply of timber	Messrs. Haji Mahamed Latif & Co. from 1st March 1904 to 28th February 1905.
(vii) For supply of iron castings ...	Messrs. Sorabji Shapurji & Co. from 1st March 1904 to 28th February 1905.

6. The balances of serviceable stock on hand at the end of the year amounted to Rs. 3,17,133-10-0 as compared with Rs. 2,73,095-13-10 at the close of the preceding year, being an increase of Rs. 44,037-12-2. This is mainly due to purchases of Portland Cement, Lead Pig and Cast Iron Pipes for Drainage and Water Works requirements.

7. The balances of surplus and obsolete stock amounted at the close of the year to Rs. 3,94,714-2-7 as compared with Rs. 4,02,258-6-9 for the preceding year, being a decrease of Rs. 7,544-4-2 due to issues to Municipal Officers and sales to private parties. Endeavours will be made to dispose of the whole of this balance during the current year.

8. The following particulars are taken from the books of this Department for the period 1st March 1904 to 31st March 1905 :—

	Rs.	a.	p.
Value of Stores on hand on 1st March 1904—			
General Stores	2,73,095	13	10
Surplus and Obsolete Stores	4,02,258	6	9
Total ...	Rs. 6,75,354	4	7
Value of Stores purchased during the year	2,97,286	2	9
Value of Stores issued during the year—			
General Stores	2,53,248	6	7
Surplus and Obsolete Stores	7,544	4	2
Total ...	Rs. 2,60,792	10	9
Value of Stock in hand on 1st April 1905—			
General Stores	3,17,133	10	0
Surplus and Obsolete Stores	3,94,714	2	7
Total ...	Rs. 7,11,847	12	7

9. The following show the minor transactions with Contractors and Departments during the year under review :—

Approximate number of demands made on and complied with by Contractors	6,000
Approximate number of demands made by Departments and complied with by General Stores Department	40,000
Inward letters during the year	2,671
Outward letters during the year	3,782

T. WILKINSON,
Storekeeper.

CENTRAL STORES,
25th July 1905.

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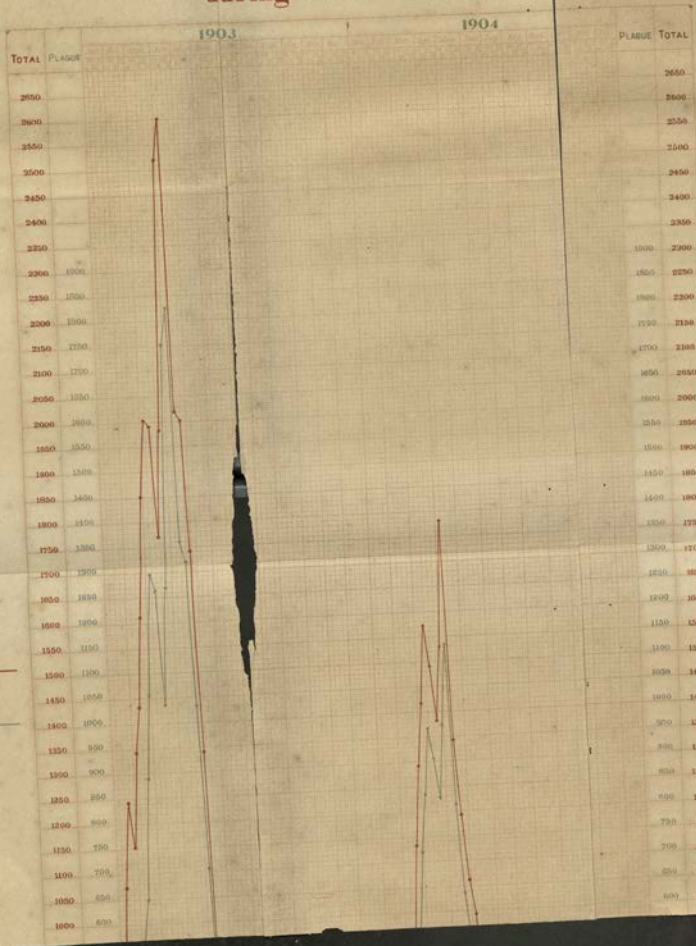
DIAGRAM– Weekly Total and Plague Mortality during 1903 and 1904.



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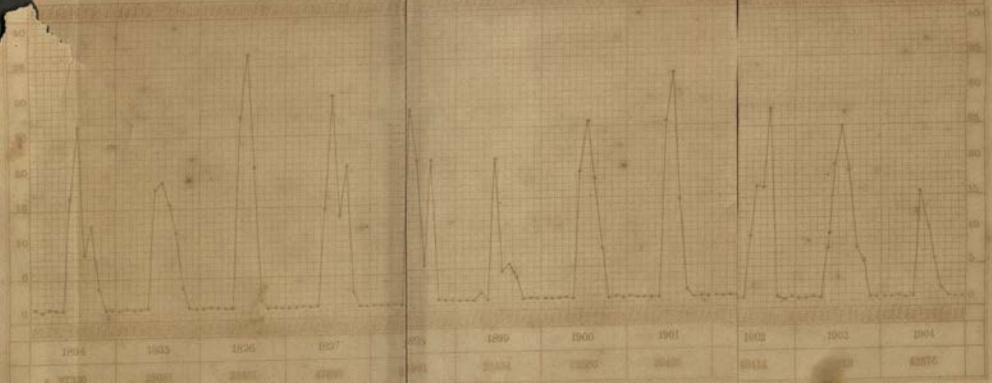
TOTAL
PLAGUE
1904
PLAGUE
TOTAL

RAINFALL BY YEARS AND MONTHS.



PUBLIC HEALTH.

ANNUAL REPORT OF THE EXECUTIVE HEALTH OFFICER FOR 1904.

I have the honour to forward herewith my annual report for the year 1904.

The population of the City, estimated by the Census of 1901, was 776,006, and it is [redacted]is population that all the statistics are based.

The area of the City and the Island of Bombay is 22·45 square miles.

The number of births registered during the year was 19,556, being 3,181 more than in [redacted]revious year and 5,395 more than the average of the preceding five years, giving a birth-[redacted]of 25·20 per 1,000 of the population as against 21·10 during the last year. Of the total [redacted]s 10,006 were males and 9,550 females. The number of still-born births was 2,033.

From the table following it will be observed that the number of births that was regis-[redacted]d during the year is, I may venture to say, the highest that was ever registered in Bombay. [redacted]y 2nd highest number of births 17,599 was registered in 1902, which year was also charac-[redacted]sed by a comparative improvement in the health of the City and a considerable falling off [redacted]he total mortality since the outbreak of plague in Bombay.

Table showing the number of Births registered in Bombay during a series of years.

Years.	Number of Births.
1881	16,638
1882	15,366
1883	15,182
1884	14,637
1885	14,964
1886	14,909
1887	15,429
1888	16,760
1889	15,493
1890	15,568
1891	15,518
1892	15,485
1893	15,218
1894	15,058
1895	15,684
1896	15,890
1897	9,336
1898	10,784
1899	10,624
1900	12,688
1901	13,520
1902	17,599
1903	16,375
1904	19,556

The table below shows the number of births by classes. The highest rate is registered amongst Jains, more or less wealthy community in the City. It is 40·21 as against 35·58 during the last year. The 2nd highest rate is amongst Jews. It is 38·82 as against 26·50 in the last year. The rate amongst Parsees is 27·92 and amongst Europeans 14·74 as against 25·26 and 14·34, respectively, during the last year.

STATEMENT SHOWING THE NUMBER OF BIRTHS AND THE BIRTH-RATE BY CLASSES IN 1904

Classes.	Population by Census of 1901.	Number of Births.	Birth-rate per 1,000 of Populati
Jains	14,248	573	4
Brahmins	31,078	471	1
Lingaets	2,144	53	2
Bhatias	5,359	171	3
Hindus of other castes	396,501	9,308	2
Do. low castes	73,617	2,804	3
Mussalmans	155,121	3,770	2
Parsees	46,231	1,291	2
Jews	5,357	208	3
Native Christians	29,645	592	1
Eurasians	3,558	109	3
Europeans	12,273	181	1
Negro-Africans	628	19	3
Buddhists	395	5	1
Other and unknown castes	158	10	
Total ...	776,006	19,556	

The number of deaths in the City of Bombay during the year 1904, exclusive of born, was 42,676, being 7,837 less than in the previous year, and 16,165 less than the a of the preceding five years, giving an annual death-rate of 54·99 per 1,000 of populat against 65·09 during the last year. The number of deaths registered during the year lowest mortality since 1897, and the decrease is chiefly due to plague, small-pox, measle dysentery, *i.e.*, the chief of the zymotic causes.

Statement showing the total mortality during the following years :—

Years.	Total Number of Deaths.
1897	47,896
1898	51,961
1899	56,434
1900	79,350
1901	59,495
1902	48,414
1903	50,513
1904	42,676

Statement showing the death-rate from all causes during the last fourteen years :—

Years.	Death-rate per 1,000 of Population.
1891	29·01
1892	32·26
1893	28·16
1894	53·25
1895	30·52
1896	40·71
1897	58·28
1898	63·23
1899	68·07
1900	96·55
1901	76·66
1902	62·38
1903	65·09
1904	54·99

The number of deaths from the following principal zymotic disease was 18,397, being 8,8 less than in the previous year, giving a zymotic death-rate of 23·70 per 1,000 of population :—

Statement showing the number of deaths from zymotic disease during 1903 and 1904 :—

Disease.	1903.	1904.
Small-pox	1,477	568
Measles	1,115	229
Plague...	20,788	13,538
Enteric Fever	45	55
Malarial Fever, including Ague and Remittent Fever	2,288	2,361
Relapsing Fever	167	114
Influenza	2	6
Whooping Cough	19	20
Diphtheria	3	3
Cholera	17	219
Dysentery	1,003	921
Puerperal Septicæmia	365	363
Total ...	27,289	18,397

Zymotic death-rate per 1,000 of the populations = 23·70

As in previous year Hindus of other castes suffered severely from plague, the number of deaths amongst this class being 8,104. The next class amongst whom a higher plague mortality was registered is Mussulman, 2,127 plague deaths were registered. 10 plague deaths were registered amongst Europeans, being 2 more than in the last year.

In every section there has been a decrease in the number of plague deaths during the year. The sections which show the greatest decrease are Byculla, Parel, Worli, Khetwadi, Bhuleshwar and Mahalaxmi.

The plague measures taken during the year were under the control of the Health Department as in the previous year.

The mortality from plague commenced to rise from January synchronously with the total mortality during the month and reached its maximum on 1st of April 1904, the number being 187, from whence it commenced to decline. The lowest plague mortality, *viz.*, 203, was registered in July 1904, and 4,098 being the highest plague mortality registered in March.

The number of attacks and deaths registered from plague during the year was 15,486 and 13,538, respectively, as against 23,343 attacks and 20,788 deaths during the previous year.

Statement showing the Number of Attacks and Deaths from Plague and the Total Deaths by Days in 1904 (excluding Still-born).

Date.	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.			Date.
	A.	D.	T.D.	A.	D.	T.D.	A.	D.	T.D.	A.	D.	T.D.	A.	D.	T.D	A.	D.	T.D.	A.	D.	T.D.	A.	D.	T.D.	A.	D.	T.D.	A	D.	T.D.	A.	D.	T.D.	A.	D.	T.D.	
1	27	22	112	56	62	145	179	148	234	218	187	283	67	66	155	13	10	69	5	5	71	10	7	79	10	11	107	9	9	107	14	12	85	6	3	94	
2	9	12	96	64	57	141	152	131	205	141	161	253	61	51	131	13	14	73	5	5	85	8	8	92	6	6	72	17	10	79	10	9	88	9	8	101	
3	22	12	98	81	61	138	158	135	219	177	158	258	74	61	136	15	12	88	4	5	63	9	9	100	9	7	81	14	9	86	8	5	93	16	12	112	
4	26	26	102	67	69	144	185	168	262	186	185	281	67	58	125	10	5	61	4	4	67	10	7	105	4	3	88	13	13	90	6	7	86	16	13	99	
5	29	22	123	52	58	130	155	119	227	172	147	233	60	48	138	13	17	93	7	3	71	8	3	95	12	9	83	10	11	92	6	8	88	16	11	115	
6	24	25	112	77	63	138	181	128	208	158	124	202	44	43	115	12	6	57	6	7	83	2	3	81	7	8	94	14	8	87	9	3	81	7	12	105	
7	31	27	104	64	53	129	154	150	228	155	117	192	50	43	123	15	14	83	5	5	85	12	12	123	19	13	96	8	8	93	10	11	96	11	12	115	
8	27	27	107	58	59	142	156	134	224	136	120	207	41	35	102	15	15	82	8	6	76	5	7	91	10	6	77	15	10	89	10	8	77	12	8	97	
9	38	28	107	80	53	117	162	141	231	131	119	195	51	51	133	8	4	76	3	2	64	11	8	82	10	8	88	18	14	125	14	14	103	7	5	89	
10	24	23	95	75	66	130	150	130	223	110	98	184	50	38	106	8	7	66	2	2	76	7	6	100	8	9	91	13	11	89	19	14	94	8	4	90	
11	23	21	99	78	76	151	146	126	199	130	120	196	36	36	105	10	10	60	5	4	77	5	6	105	7	11	80	7	7	75	14	9	90	10	11	103	
12	40	35	106	76	63	146	132	113	209	125	104	170	40	41	123	12	11	80	6	5	82	9	5	85	9	8	96	11	9	84	17	18	94	17	15	98	
13	35	24	104	69	71	169	150	157	257	118	96	171	36	26	88	6	8	74	8	4	84	8	11	96	12	8	66	12	11	87	7	6	77	18	15	101	
14	22	22	93	98	74	164	131	134	198	134	113	201	32	30	108	8	7	74	6	8	88	4	4	87	9	7	86	7	6	78	5	6	91	17	16	119	
15	27	21	87	88	90	186	130	100	174	99	81	170	30	32	84	7	6	84	10	6	67	6	6	95	8	11	85	7	6	91	6	5	89	19	16	101	
16	35	35	109	118	106	190	109	97	179	97	88	189	41	39	108	12	10	77	11	12	86	10	6	93	5	3	82	14	14	95	4	5	89	16	11	94	
17	26	21	86	116	95	159	142	119	196	106	86	159	43	37	96	10	10	82	8	6	79	10	5	90	9	7	98	17	13	111	8	6	88	9	12	112	
18	31	27	105	116	87	183	130	115	201	83	82	160	33	33	122	6	4	68	6	10	79	5	2	89	10	8	95	9	9	74	8	6	103	15	11	85	
19	35	33	96	115	96	177	141	123	202	91	83	151	23	20	92	9	8	61	13	8	82	13	10	83	8	5	100	8	8	91	15	11	106	20	19	111	
20	23	16	108	98	95	192	136	128	200	94	82	155	27	23	95	11	10	90	9	8	87	9	9	78	11	9	89	7	6	86	8	8	82	16	15	107	
21	40	31	115	134	104	179	122	118	197	83	68	158	23	23	96	7	4	73	12	9	96	8	6	77	17	10	82	9	9	96	13	11	76	18	16	110	
22	39	34	116	117	121	214	145	127	214	82	74	147	13	16	88	6	7	79	11	5	76	7	7	109	11	10	94	18	15	96	14	9	91	20	11	88	
23	36	29	105	141	113	188	170	131	213	101	79	153	19	22	95	10	9	84	10	10	88	8	11	108	16	16	105	9	7	74	18	14	94	14	15	98	
24	39	31	109	122	105	196	163	131	202	106	82	159	33	22	98	8	6	72	13	13	71	13	11	108	20	18	112	10	11	98	6	4	84	17	18	113	
25	41	45	97	119	111	187	168	147	221	71	66	152	23	18	88	4	2	70	7	5	64	5	8	102	7	3	87	5	7	83	16	10	109	21	21	119	
26	52	43	115	104	96	186	149	143	252	96	74	142	19	16	78	11	13	65	10	7	80	9	5	91	11	12	92	15	6	90	10	13	108	11	9	103	
27	55	46	123	132	113	207	138	127	201	108	85	157	19	16	87	12	7	90	9	8	76	8	8	96	19	15	91	4	6	89	15	11	96	12	9	106	
28	58	54	125	130	122	192	143	142	234	79	73	153	18	19	93	5	4	65	10	9	87	12	13	110	21	16	117	12	7	88	10	9	89	24	18	109	
29	68	49	132	143	133	218	141	142	228	82	69	133	12	13	76	10	8	64	13	7	69	9	10	102	16	12	113	9	10	74	15	10	100	23	20	92	
30	76	67	131	...	...	...	177	162	246	69	63	129	14	14	87	11	10	81	6	8	88	6	3	84	8	10	93	13	9	86	17	14	97	18	12	110	
31	53	46	120	...	...	...	170	132	231	...	...	...	13	11	69	...	...	...	3	7	90	8	4	86	...	...	...	7	8	88	...	...	...	19	18	123	
Total.	1,111	954	3,335	2,788	2,472	4,838	4,655	4,098	6,696	3,578	3,086	5,489	1,118	1,008	3,240	297	258	2,241	235	203	2,441	254	220	2,917	323	279	2,716	337	287	2,771	330	276	2,749	462	397	3,219	

Attacks.	Deaths.	Total Mortality.
15,488	13,538	42,676

ORTALITY FROM 18[illegible] TO 1904 COMPARED.

1901--GREEN
1902--BLACK DOTTED
1903--YELLOW
1904--RED DOTTED

Bunday City Print.

MONTHLY TOTAL

SEPTEMBER

OCTOBER

NOVEMBER

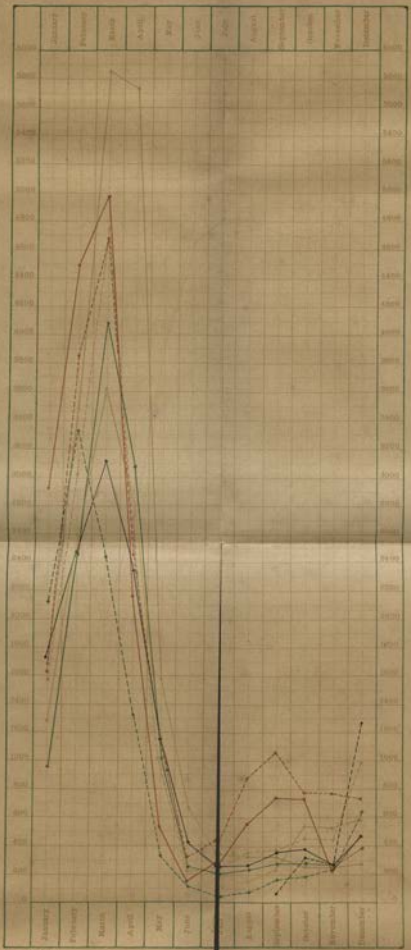
11000

10000

9000

8000

Plague Mortality compared from 1896 to 1904.



of 13,538 deaths from Plague, 8,970 were amongst males and 4,568 amongst against 13,288 and 7,500, respectively, during the last year.

Between the ages of 10 to 40 years the highest number of Plague deaths occurred gst males and females.

The Plague mortality was highest on the 1st April when 187 deaths from Plague were istered, and on the same day the highest total mortality in the year was recorded, *viz.*, 283 as inst 400 on the 30th March 1903.

The following table will show a marked decrease in the number of deaths from Plague, all-pox, Measles, Dysentery as compared with the figures of the last year. A marked rease will also be observed in the death-rate from all causes which was 54·99 as against 09 during the last year.

STATEMENT SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM DIFFERENT CAUSES IN 1903 AND 1904.

Cause of Death.	1903.		1904.	
	Number of Deaths.	Death-rate per 1,000 of population according to Census of 1901.	Number of Deaths.	Death-rate per 1,000 of population according to Census of 1901.
ll-pox	1,477	1·90	568	0·73
sles	1,115	1·43	229	0·29
ers	2,333	3·00	2,416	3·11
olera	17	·02	219	0·28
ue	20,788	25·78	13,538	17·44
hisis	2,842	3·66	2,971	3·82
ases of the Nervous System	2,282	2·94	2,412	3·10
Do. Respiratory System...	7,101	9·15	7,339	9·45
rrhœa	1,757	2·26	1,863	2·40
sentery	1,003	1·29	921	1·18
cidents	547	·70	558	0·71
other causes, except Still-born	9,251	11·92	9,642	12·42
Total	50,513	65·09	42,676	54·99

The following table shows the total mortality by months, the highest being registered in month of March as last year and the lowest in the month of June from whence it commenced to rise gradually.

STATEMENT SHOWING THE NUMBER OF DEATHS FROM ALL CAUSES BY MONTHS IN 1903 AND 1904.

Months.	Number of Deaths from all Causes, exclusive of Still-born in 1903.	Number of Deaths from all causes, exclusive of Still-born in 1904.
uary...	4,959	3,335
ruary	6,622	4,838
eh	9,148	6,096
il	8,816	5,489
... ...	3,976	3,240
June	2,757	2,241
July	2,402	2,441
August	2,404	2,917
September	2,296	2,740
October	2,276	2,771
November	2,214	2,749
December	2,643	3,219
Total	50,513	42,676

24,479 males and 18,197 females died during the year as against 28,934 males and 21,579 females, respectively, during the last year. The highest number of deaths amongst males occurred in the age groups between 20 to 30 years, 7,720 deaths having been registered

and amongst females in the age-periods between 15 to 25, 4,723 deaths having been
The lowest number of deaths amongst males and females like last year occurred
period between 4 to 5 years, 179 and 191 deaths respectively having been registered du
year.

It will be observed from the following table that amongst persons born in Bom
15,013 deaths were registered during the year and amongst those born out of Bombay 26,
deaths. The places of birth of 1,072 persons could not be ascertained.

STATEMENT SHOWING THE NUMBER OF DEATHS, EXCLUSIVE OF STILL-BORN, ACCORDING TO PLACE OF BIRTH IN 1904.

Months.	Bombay.	Elsewhere.	Unknown.	Total.
January ...	1,099	2,143	94	3,33
February ...	1,365	3,324	149	4,83
March ...	1,838	4,735	123	6,69
April ...	1,595	3,759	135	5,48
May ...	1,169	1,975	96	3,24
June ...	899	1,285	57	2,24
July ...	1 109	1,280	52	2,44
August ...	1,258	1,617	42	2,91
September ...	1,176	1,506	58	2,74
October ...	1,152	1,547	72	2,77
November ...	1,095	1,569	85	2,74
December ...	1,258	1,852	109	3,21
Total ...	15,913	26,591	1,072	42,57

The death-rate by classes is shown in the following table. It will be seen that the J
community including Banias shows this year also the highest mortality, the rate being 132
It however shows a decrease over last year's figure which was 143·87. The next commun
which shows a high death-rate is the Lingaet class, showing a death-rate of 74·16 per 1,0
of population. The third class is the community of Hindus, low-caste, giving a death-r
of 60·85 per 1,000 of population as against 68·23 in last year. The death-rates amongst Mus
mans and Parsees were 59·15 and 27·70 as against 66·05 and 29·56 respectively during last y
It will be interesting to note while all communities show a lower death-rate than in the
year, the European community shows a higher death-rate of 16·94 as against 15·48 per 1,000
population. The community of Negro-Africans also show a higher death-rate of 73·48 p
1,000 as against 65·49 during last year. The incidence of fatality amongst Buddhists, v
small community in the City, shows a lower death-rate of 27·84 as against 37·97 in last year.

STATEMENT SHOWING THE NUMBER OF DEATHS AND THE DEATH-RATE FROM ALL CAUSES BY CLASSES IN 1904.

Classes.	Population by Census of 1901.	Number of Deaths.	Mortality per 1,000 of Population
Jains	14,248	1,885	132·29
Brahmins	31,078	1,514	48·71
Lingaets	2,144	159	74·16
Bhatias	5,359	307	57·28
Hindus of other castes	396 501	21,901	55·23
Do. low-caste	73 617	4,480	60 84
Mussalmans	155,121	9,176	59·13
Parsees	46,231	1,281	27·70
Jews	5,357	179	33·41
Native Christians	29,645	1,592	53·24
Eurasians	3,258	128	39·28
Europeans	12,278	208	16·94
Negro-Africans	626	46	73·48
Buddhists	395	11	27·84
Other and unknown castes	153	9	58·82
Total ...	776,006	42,676	54·99

Small-pox.

568 deaths from Small-pox occurred during the year, being 909 less than in the last year and 512 less than the average of the preceding five years. The disease prevailed in an epidemic form in the latter part of December. The epidemic became more severe with the severity of an abnormal cold season the City ever experienced. In the south of the City at Colaba Small-pox was prevalent, and we have had great difficulty in removing cases to Hospital or in isolating them at the houses. Our difficulty increased with the long distance between Colaba and the Arthur Road Hospital in persuading parents to remove their children or their friends in an ambulance. To overcome this difficulty, small sheds were put up at Colaba as a temporary measure which were freely used by the people. But I strongly hold that the disease might have been checked and misery and discomfort prevented if there was a proper hospital somewhere there.

Our attention of the Public was drawn to the prevalence of the disease through the females as daily newspapers and they were advised to get themselves vaccinated in anticipation of ...ak of a severe type of Small-pox. Re-vaccination was also recommended. Their ...on was also drawn to the isolation of the sick, disinfection of the clothes of patients, bed-... room, and the removal of patients to Hospitals and early notification of cases of Small-pox. ... warning had a good effect, and a large number of cases was removed to Hospital. The ...isional Health Officers and the District Registrars were instructed to exert their utmost in re... moving cases to Hospital and in disinfecting the infected places with the least practicable delay. ag...

Vaccination and re-vaccination were at once resorted to; all calls for vaccination were at ...e forwarded to the Superintendent of Vaccination. Goanese in different *Coors* were vacci... Sm... ...ed by Dr. Viegas. The servants of the residents on Malabar and Cumbala Hills were vaccinated dec... re-vaccinated at the instance of our staff. 65...

In spite of the temporary wards put at Arthur Road Hospital, we ran short of the accom... ...dation, and as a matter of urgency the observation and relapsing fever cases had to be ...oved to Maratha Hospital to make room for Small-pox patients. Leaflets on Small-pox ...e largely distributed amongst people.

More accommodation at Maratha hospital and an Hospital in the extreme south of the ...nd seem to me to be a matter of urgent necessity.

The mortality from Small-pox fell heaviest on Hindus of other castes. As many as 347 ...s, *i. e.*, more than half of the number of deaths registered in the City, were claimed alone ... ...ngst this community. The next higher figure was contributed by the Mussulmans, ...aths were registered. Hindus, low-caste, filled in the 3rd rank in the mortality list, show... ...4 deaths. 36 deaths were registered amongst Native Christians.

Sm... M...

Whenever the epidemic of Small-pox prevails, this community has shown greater ...ceptibilities to catch the infection than any other communities in the City. The majority ...hom are sent unprotected from Goa, where Vaccination Act does not seem to be so stringent ...s operation as it has been here. These people live in what they call *Coors*, several together ...limited area. The heavier fatality in this community is due chiefly to their being unprotected ...t Small-pox. I referred to the want of vaccination amongst Goanese in my annual ... for 1903.

...319 males and 249 females died from Small-pox. The heaviest fatality of 172 occurred ...t children under one year of age. The same mortality figure was registered between ...ge groups from 15 to 35. 112 children between the age-periods 1 to 5 years died. ...tween the age-periods from 5 to 11 years as many as 94 persons died.

Abstract of Yearly Return of Vaccination by the Superintendent of Vaccination, Presidency Circle, Bombay, for the year 1904.

Months.	Primary Vaccine Operation.																																				Re-vaccinations.								Primary Results seen after the sending in of the last Monthly Return.						
	Total number of Persons primarily vaccinated.	Sex.		Caste.																				Age.										Results.										Number of operations in excess of persons.	Total number of persons re-vaccinated.	Sex.		Results.				Number of operations in excess of persons.						
				Christians.				Hindus.					Mussalmans.				Other Castes.				Under 1 Year.			Under 6 Years.			Upwards.				Under one Year			Under 6 Years.			Upwards.			Total Results.																	
		Males.	Females.	N.Christians.	Europeans.	Eurasians.	Total.	Buddhists and Jains.	Brahmins.	Rajahs and Lohanas.	Hindus of other Castes.	Total.	Mussalmans.	Negro-Africans.	Total.	Parsees.	H. Outcastes.	Jews.	Total.	3 Months.	6 Months.	12 Months.	Total.	23 Months.	4 Years.	6 Years.	Total.	9 Years.	13 Years.	24 Years.	14 Years.	Total.	Successful.	Failed.	Unknown.	Successful.	Failed.	Unknown.	Successful.	Failed.	Unknown.	Total.			Males.	Females.	Successful.	Failed.	Unknown.	Total.		Under 1 year.	Under 6 years.	Upwards.	Failed.	Total.
January ..	2,252	1113	1139	104	43	9	156	73	77	33	949	1132	386	..	386	174	379	25	404	214	663	875	1,752	243	196	33	473	18	9	1	..	28	1,619	6	101	412	4	57	24	1	3	2,085	11	161	2,257	5	..	158	50	29	7	172	208	..	13	..	..	..	..	13
February ..	1,670	842	828	193	41	5	248	48	47	27	620	742	303	..	306	170	184	20	204	121	483	633	1,237	186	105	21	402	8	7	14	2	31	1,134	1	102	329	2	75	16	..	15	1,479	3	192	1,674	4	..	632	142	43	13	786	824	..	8	..	..	..	..	8
March	1,392	717	676	147	25	..	192	35	45	10	591	681	182	1	183	142	175	20	195	184	467	487	1,088	121	145	11	287	5	5	5	3	18	968	2	119	197	3	87	8	..	10	1,173	5	216	1,394	1	..	335	167	7	5	450	502	..	5	..	..	..	..	5
April	1,387	696	691	86	21	1	108	36	32	13	645	726	201	8	209	51	271	22	293	137	432	519	1,088	125	133	20	278	4	3	7	7	21	962	6	120	213	1	64	16	..	5	1,191	7	189	1,387	..	..	129	21	9	4	137	150	..	..	..	..	..	..	..
May.....	1,249	569	680	75	6	2	83	37	57	6	632	732	158	..	158	14	246	14	260	103	418	495	1,016	108	81	17	206	8	13	6	..	27	941	1	75	190	3	13	15	..	12	1,146	4	100	1,250	1	..	245	24	26	18	225	269	..	4	..	..	..	..	4
June	1,428	687	741	64	11	1	76	59	60	32	753	904	177	..	177	73	179	19	198	69	451	603	1,123	160	118	10	288	8	5	1	3	17	1,071	..	62	275	..	13	15	..	2	1,361	..	67	1,428	..	..	168	14	15	12	155	182	..	3	..	..	..	..	3
July	1,500	745	755	81	7	1	89	59	115	29	755	958	214	..	214	95	138	6	144	60	390	740	1,190	179	107	13	299	7	2	2	..	11	1,140	2	49	284	3	12	9	..	2	1,433	5	63	1,501	1	..	106	1	10	7	90	107	..	5	..	..	..	..	5
August	1,184	566	618	56	13	..	69	54	55	15	585	709	206	..	206	73	114	13	127	59	351	565	975	111	76	8	195	6	5	3	..	14	918	4	54	183	1	11	8	..	6	1,109	5	71	1,185	1	..	55	5	12	4	41	60	..	2	..	..	..	..	2
September.	1,226	617	619	61	24	..	85	61	38	10	552	661	234	1	235	57	198	..	198	49	330	598	977	122	107	9	238	5	4	10	2	21	912	5	60	218	3	17	10	..	11	1,140	8	88	1,236	..	..	66	2	12	7	49	68	..	7	..	..	..	..	7
October	1,226	596	630	63	20	1	84	35	26	14	614	689	240	..	240	33	147	23	170	35	308	636	979	120	105	11	236	3	3	3	2	11	928	4	49	217	2	17	5	1	5	1,150	7	71	1,228	2	..	92	1	14	1	78	93	..	2	..	..	..	..	2
November ..	1,715	896	819	156	24	4	184	82	78	37	776	973	181	..	181	123	234	20	254	84	395	840	1,319	197	155	8	360	12	14	9	1	36	1,202	2	117	293	1	66	23	3	13	1,518	4	196	1,718	3	..	108	10	12	9	97	118	..	2	..	..	..	..	2
December ..	2,191	1176	1015	139	16	3	158	75	120	35	880	1110	470	..	270	159	233	26	264	100	548	953	1,631	223	192	21	436	12	31	59	22	124	1,521	5	106	375	4	57	26	1	27	1,922	10	260	2,192	1	..	1149	132	100	61	1,117	1281	..	8	1	..	..	..	9
		2,220	9,211	1,231	294	87	1,532	654	760	261	8,332	10,007	3,475	10	2,985	1,194	2,405	208	2,713	1,135	5,236	7,974	14,375	1,705	1,810	182	3,697	96	101	120	43	359	13,346	38	1,004	2,138	97	489	175	4	181	16,707	60	1,674	18,450	15,480	19	....	3,293	569	280	151	3,422	3,862	..	59	1	..	..	60	60
Grand Total.	18,431	18,431		1,532				10,007					2,985			1,194	2,713				14,375			3,697								14,388			3,502			360			18,450							3,862								

Cholera.—From Cholera 219 deaths were registered, being 202 more than in the previous year, but 716 less than the average of the preceding five years. The disease first appeared in sporadic form, but shortly afterwards it threatened to prevail in an epidemic form. Choleraic infection from outside began to be imported into the City. The increase in the number of cases from Cholera may be attributed to the sickness amongst pilgrims from Pandhurpur. Some returned actually sick and some returned while incubating the disease. The incidence of the importation of the disease is described in the following para. Cholera.

The places where very large fairs are held are generally the source from which the infection is imported. Pandhurpur is one of these places and is answerable for the prevalence of olera in the year under review. Fortunately the imported cases came to my notice in time, l the very next day medical inspection of passengers of all up trains from Poona was arrang- for in consultation with Railway Authorities, who gave us all possible assistance in their power, which I am indebted to them and the staff of the G. I. P. Railway for the ready co- ration. The Surgeon-General with the Government of Bombay was informed of the im- tation of cholera into the City with a view to his taking the necessary precautions for pre- ting the further importation of the disease into the City. The Municipal Secretary of Pan- rpur was written to to prevent infected persons coming to Bombay. I am not aware as to at action was taken by both these officers to prevent infected persons coming to Bombay. e suffering cases were removed to Hospital from the trains, and the people who came from ndhurpur were kept under observation. So long as early information of any infectious disease iven and is limited to one locality and can be traced at an early stage, it is possible to control spread. If the importation of cholera from Pandhurpur had not been noticed by us and no cautionary measures were taken at the very commencement, I think the consequences uld have been very serious. The necessity for all precautionary measures to protect Bom- from outside infection is becoming more and more urgent, and it is my hearty request that Corporation will soon move the Government in the matter.

From the table following it will be observed that the incidence of fatality from Cholera highest in August, causing 182 attacks and 134 deaths. It commenced declining from tember and was prevalent to the end of the year in a more or less proportion.

There were comparatively more cases amongst males than amongst females as will observed from the table below :—

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA BY SEX IN 1904.

Sexes.	Cases.		Percentage of Deaths to Attacks.
	Attacks.	Deaths.	
... ...	189	144	76·19
ales	101	75	74·25

ATEMENT SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA BY MONTHS IN 1904.

Months.	Attacks.	Deaths.
nuary	.....	.....
bruary	1	.....
rch	2	1
April	1	1
May	.....	.....
June	4	3
July	22	11
August	182	134
September	56	47
October	17	12
November	5	4
December	6	6
Total ...	296	219

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO DURATION OF RESIDENCE IN BOMBAY IN 1904.

Duration of Residence in Bombay.	Cases.		
	Attacks.	Deaths.	Percentage of Deaths to Attacks.
Under 3 months	81	52	64·18
„ 6 „	36	13	36·11

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM CHOLERA ACCORDING TO PLACE OF BIRTH IN 1904.

Birth-place.	Cases.		
	Attacks.	Deaths.	Percentage of Deaths to Attacks.
Bombay	60	44	73·33
Elsewhere	230	175	76·08

Fevers.—2,416 deaths were registered from Fevers during the year as compared wi 2,333 during last year. Malarial Fever including Ague and Remittent Fever claims the high number, *viz.*, 2,361, being 73 more than in the last year.

From the following table it will be observed that the disease like last year commenced rise from January. The highest number, *viz.*, 220, was registered in February. But it d not run the same course of gradual decline as last year. It went down from March to Jun from whence it again abruptly rose in July, during which 192 deaths were registered. August a slight increase will be observed, from whence it ran almost the same course wi one or two deaths more or less. In November again it showed a tendency to increase. December again it went down and claimed as many as 207 deaths.

TABLE SHOWING THE NUMBER OF DEATHS FROM FEVERS INCLUDING MALARIA, REMITTENT AND AGUE BY MONTHS DURING THE YEAR 1904.

Months.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Fevers ...	218	220	205	170	180	150	192	203	201	200	215	207	2,36

From the statement given below it will be seen that the deaths registered from Fe is little more than in the previous year but lower than any of the previous years from 1 This is due to the accurate registration of deaths.

The classes that show a decrease in fever mortality over last year are Europeans, Brahmins, Bhatias, Eurasians and Jews. While Hindus, low-caste, Mussalmans, Parsees Negro-Africans show an increase over the last year.

STATEMENT SHOWING THE NUMBER OF DEATHS FROM FEVERS FROM 1894 TO 1904.

	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904
Number of deaths from fevers	6,458	6,404	8,776	6,951	4,114	5,063	7,928	7,921	4,518	2,333	2,416

Enteric Fever.—To this type of Fever, 55 deaths were ascribed, being 10 more than in the past year but 5 less than the average of the preceding five years.

Relapsing Fever.—From this Fever, 114 deaths were registered, being 53 less than in the last year and 746 less than the average of the last five years.

Measles.—229 deaths were ascribed to Measles, being 886 less than in the last year and 809 less than the average of the preceding five years. The disease was of a milder type and did not indicate any symptoms of disseminating in an epidemic form. It reached its maximum figure (46) in March and then commenced to decline.

Influenza.—From Influenza, 6 deaths were registered, being 4 more than in the last year.

Whooping Cough.—To Whooping Cough, 20 deaths were ascribed, being 1 more than in the last year but 117 less than the average of the preceding five years.

Diphtheria.—To Diphtheria, 3 deaths were due, being the same number as last year but 1 less than the average of the last five years.

Diarrhœa.—From Diarrhœa, 1,863 deaths were registered, being 106 more than in the last year but 1,096 less than the average of the preceding five years.

Dysentery.—To Dysentery, 921 deaths were due, being 82 less than in the last year and 740 less than the average of the preceding five years.

Puerperal Septicæmia.—363 deaths from Puerperal Septicæmia were registered, being 2 less than in the last year.

Leprosy.—To Leprosy, 117 deaths were due, being 15 more than in the past year and 17 more than the average of the previous five years. The increase in the number is due to the correct registration of deaths from this loathsome disease.

Premature Births.—79 deaths of children prematurely born were registered during the year, being 18 less than in the last year and 10 less than the average of the preceding five years.

Debility and Old Age.—3,246 deaths from Debility and 1,620 from Old Age were respectively registered during this year, being 515 more and 212 less respectively than in the previous year and 68 more and 227 less respectively than the average of the preceding five years. Out of 3,346 deaths from Debility, 2,554 deaths were of infants under 30 days.

Diseases of the Nervous System.—From Diseases of the Nervous System, 2,412 deaths, including 1,743 deaths from Infantile Convulsions, were registered during the year, being 150 more than in the previous year but 712 less than the average of the preceding five years.

Diseases of the Circulatory System.—From Diseases of the Circulatory System, 329 deaths were registered, being 2 less than in the previous year and 15 less than the average of the last five years.

Phthisis.—From Phthisis, 2,971 deaths were registered during the year, being 129 more than in the last year but 2,538 less than the average of the preceding five years. Out of the deaths from Phthisis 1,737 were of females and 1,234 of males. This shows that the incidence of mortality fell heavier on females than on males. The female total death-rate was like last year more than double that of males. Phthisis.

The most fatal period of life amongst females was between the ages of 15 to 35. The chances of life amongst females between the age-periods of 5 to 15 were weaker than amongst males of the same age. From 35 to 40 years the death-rate amongst females was more than three times that amongst males of that age.

The highest mortality from Phthisis was registered amongst Jains, showing a death-rate of 3 per 1,000 of population as against 7·65 in the last year. The next community which suffered from the high mortality was Mussulmans, who lost 5·85 per 1,000 of their population from this cause as against 6·60. This shows an improvement in the health conditions under which this class is living. Bhatias were third in rank in the mortality list, the death-rate in that class was 4·10.

Diseases of the Respiratory System.—To the Diseases of the Respiratory System, 7,339 deaths were ascribed, being 238 more than in the previous year but 1,326 less than the average of the preceding five years.

Diseases of the Digestive System.—From Diseases of the Digestive System, 1,234 deaths were registered, being 111 more than in the last year and 196 less than the average of the previous five years.

Diseases of the Lymphatic System.—From Diseases of the Lymphatic System, 32 deaths were registered, being 8 less than in the last year and 22 more than the average of the previous five years.

Diseases of the Urinary System.—From Diseases of the Urinary System, 233 deaths were registered, being 18 less than in the last year and 27 less than the average of the previous five years.

Diseases of the Generative System.—From Diseases of the Generative System, 200 deaths were registered, being 2 less than in the last year and 193 less than the average of the previous five years.

Organs of Locomotion and Connective Tissue.—To Organs of Locomotion and Connective Tissue, 120 deaths were registered, being 15 more than in the last year and 18 less than the average of the previous five years.

Accidents.—61 deaths were due to Poison, being 19 more than in the last year and 5 more than the average of the previous five years; of these 37 were suicidal, 17 accidental, 2 from snake bite, and in 4 instances the circumstances under which the deaths took place were not known. 121 deaths took place from Drowning, being the same as last year and 29 less than the average of the previous five years; of these 45 were suicidal, 44 accidental, and in 32 instances the circumstances under which deaths took place were not known. 376 deaths were due to injuries, being 8 less than in the last year and 170 less than the average of the previous five years.

The number of deaths amongst children under one year of age was 8,981, being 263 more than the last year ; of these 7,798 deaths took place amongst the children born in Bombay and 1,183 amongst those born out of Bombay.

Infant Mortality.

The number of births registered during the year was 19,556, giving an infant mortality of 459·24 per 1,000 of births as against 532·39. This shows an improved health condition amongst children of one year and under in spite of the advent of small-pox synchronous with the prevalence of measles which work as potent factors in the cause of infant mortality. The mortality from small-pox and measles amongst infants of one year and under during the year was 172 and 93, respectively, as against 436 and 441 during last year.

The Diseases of the Respiratory System are reported to have caused 2,310 deaths amongst children under one year of age as against 2,290 in the previous year.

The other causes which are responsible for infant mortality are the Diseases of the Nervous System including "Infantile Convulsions," Debility and Diarrhœa. 1,885 deaths were due to Infantile Convulsions as against 1,591 in the previous year.

To Debility 3,140 deaths were ascribed as against 2,570 in the previous year. Of number of deaths due to Debility, 2,554 deaths were registered amongst children under 30 d

Diarrhœa was reported to have caused 622 deaths amongst infants under one year of

Following is a statement showing the infant mortality from 1891 to 1904 :—

STATEMENT SHOWING THE INFANT MORTALITY FROM 1891 TO 1904.

——	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	190
1 year & under ...	7,418	7,763	6,446	7,451	6,683	7,273	7,508	6,279	8,351	13,492	7,768	9,553	8,718	8,
1 to 4 years ...	3,374	3,788	2,939	3,798	3,339	3,222	3,825	3,100	4,111	6,894	3,561	3,588	3,512	2,9
Total...	10,792	11,551	9,385	11,249	9,922	10,495	11,333	9,379	12,462	20,386	11,329	12,941	12,230	11,8

A large number of infants is brought into the City which have not been included in births registered. To estimate accurately the infant mortality we must have a correct regist all children born during the year both in Bombay and out of Bombay, provided the parents o latter are actual residents and return with the child after birth to become a unit in the popul There is another reason of this high mortality and it is this. The population of Bombay now st be far in excess of what it was in March 1901, when the Census was taken. The daily total tality at the time was over 400 and the daily Plague mortality was over 300. There was also 1901 a large exodus of the Plague panic-stricken population from the City. That the infant mortality especially of children under one year is very high cannot be denied, but I am of opinion that until we obtain accurate returns of births we cannot really determine its statistical value in relation to Public Health. There may be causes of high infant mortality in Bombay which no sanitation can reach, but where the causes are preventible the enormous loss of infant life can be prevented by judicious Medical relief, nursing and instructions in the science of hygiene, and I have already made many reports and suggestions on the subject. In order to obtain a more correct basis to calculate upon, I had suggested that the Census of Bombay be taken in November 1905 at the time when the City is full and when Plague does not begin to rise. As an experiment I also suggested that the Census of Girgaum and Bhuleshwar be taken towards the end of the year which would be a guide to the actual increase in population to the rest of the City.

The following Sections show the highest rate of mortality :—

Tarwadi, Kamathipura, Girgaum, Dongri, 2nd Nagpada, Mandvi, Kumbharwada. In Girgaum where there is not so much over-crowding of the population, the death-rate is much lower than the last year, *viz.*, 69·55 as against 84·55. The crowded sections of Kumbharwada, Umarkhadi, Market, Chukla and 2nd Nagpada give the death-rate ranging from 59·03 to 69·28. Leaving out 1st Nagpada where all the insanitary structures have been pulled down and Fort, South, which residentially is a very small quarter, Upper Colaba as during the last year has the same death-rate, *viz.*, 17·94. This is due to the fact that the section is occupied by the Europeans for Military Service.

The ten Municipal Dispensaries were open throughout the year for giving free medical aid to the poor population of the City in their sickness, and the results achieved by them are still more satisfactory than last year. The actual number of new cases (individuals) treated at the Dispensaries was 89,377 (57,003 males and 32,374 females), making the total number of attendances 352,250, giving a daily average attendance of 965 at the Dispensaries. 1,745 patients were seen at the patients' houses.

The diseases generally treated at these Dispensaries were Malarial Fever, Diarrhœa, Dysentory, Small-pox, Plague, Measles, Rheumatism, Cholera, Other General Diseases, Nervous Diseases, Respiratory Diseases, Diseases of the Eye, Ear and Nose, Diseases of the Digestive System and Urinary Diseases.

In addition to this the actual number of new cases (individuals) treated at the Colaba and Victoria Bunder Charitable Dispensaries, for which a small contribution is paid by the Municipality and which are under the direct control of the District Registrar, No. 1 District, who visits them once a day was 7,423 (4,766 males and 2,357 females), making the total number of attendances 21,277, out of which 84 patients were seen at their houses.

During the year 4,002 notifications from qualified Medical Practitioners were received, 3,235 for Plague and 767 for other infectious diseases as compared with 2,661 in the last year. 187 notifications were received from Hakims and Vaidyas, out of which the diseases reported in 167 cases were, on investigation by the medical men of this Department, found to be correct.

3,468 certificates of the causes of deaths were received from qualified Medical Practitioners, 114 from Hakims and Vaidyas, and that the causes of 4,393 persons were certified by the various Hospital authorities, the Coroner and the Commissioner of Police. The causes of 8,464 persons were certified by the District Registrars after seeing the persons during their last illness, and the causes of 20,130 and 5,950 persons were verified by the Registrars, in the former cases on the information gathered from the relatives of the deceased, and in the latter cases after seeing the dead bodies. In 66 cases the causes were not ascertained, as the residences of the deceased could not be traced.

During the year 68,265 visits were made to houses by the Nurses working under the District Registrars, and they enquired into 3,532 cases of ordinary sickness, 1,645 cases of infectious diseases and 3,238 deaths amongst the female population of the City, attended 460 confinements and ascertained 4,664 births.

During the year 705 certificates of deaths and 66 of births, and 31 true copies of death and birth reports were issued from the Head Office to parents and relations requiring them, and in 145 instances when the date of death or birth was not given, the registers were searched for the whole year in each case.

Out of 3,422 total number of notices issued by this Department under the various sections of the Bombay Municipal Act during the year, 1,815 were complied with, 1,207 not complied with, 163 pending and 237 cancelled.

Out of 1,377 total number of summonses issued by the Presidency Magistrates at the instance of this Department during the year, convictions were obtained in 1,163 cases, 4 dismissed and 210 withdrawn, offences having ceased.

722,635 carts of cutchra, drain stuff and other matter, &c., were emptied at the Pardeo Flats and other places in the City during the year. Out of these carts 695,200 were departmental and 27,435 private.

148,912 night-soil and cesspool carts and 3,250,402 night-soil baskets were emptied at the several night-soil depôts in the City during the year. Out of these carts 141,552 were departmental and 7,360 private.

The total expenditure on the Health Department came to Rs. 18,46,401-8-1 and the income to Rs. 9,93,454-3-2, the actual cost of the Department to the Municipality was therefore Rs. 8,52,947-4-11.

Health Section of the Industrial Exhibition at Bombay

An excellent opportunity offered itself when it became known that an Industrial and Agricultural Exhibition was to be held in Bombay. The Health Section was organized by the Bombay Sanitary Association with a view of placing before the public and the visitors of the Exhibition practical lessons on modern sanitation and prevention of diseases. The Corporation ever ready to assist in any measures likely to benefit the sanitary welfare of the City granted Rs. 5,000 to defray the expenses of the Health Section. The Bombay Government cordially co-operated with us by allowing medical officers to demonstrate on Plague, Malaria and Snake-bite. The Director of Plague Research Laboratory set up a complete Laboratory at the Health Section, showed the method of preparation and bottling of the Plague vaccine and gave detailed demonstration with a view to restore public confidence. At the Health Section models of artisans' dwellings, model chawls, septic tanks, sanitary appliances and goods—closets, urinals, lavatories, washstands, surgical instruments, Indian-made hospital furniture, aseptic hospital metal cases, bed pans, trusses, patent disinfectants, physical culture appliances, schemes of City Improvement Trust, fittings of various description, dairy produce and bread stuff, sanitary fittings, milk sterilizer, cooking appliances on Railways, water fittings, ambulances, charts

and diagrams relating to the health of the City and Island of Bombay for years, patent water waste preventors, silt catching apparatus, and many other things of sanitary interest too numerous to be mentioned, were, with advantage, exhibited and explained. The Health Section was much appreciated by the people and has given them an opportunity of seeing the most modern sanitary appliances and learning how they should be applied and how diseases can be averted and what precautions are necessary to prevent its spread.

The following is the work done by the District Registrars in connection with Disinfection, removing cases to Hospital and evacuation of infected premises and areas :—

NUMBER OF HOUSES DISINFECTED.

	Total.
Plague	13,371
Small-pox	1,324
Cholera	227
Phthisis	1,968
Precautionary	605
Typhoid Fever	14
Measles	162
Relapsing Fever	100
Suspicious Plague	79
Enteric	19
Erysipelas	6
Chicken-pox	57
Tuberculosis	759
Dead rats	324
Malaria	3
Leprosy	7
Other Causes	483

NUMBER OF CASES REMOVED TO THE HOSPITAL.

Diseases.	Total.
Plague	1,306
Small-pox	592
Cholera	57
Enteric Fever	11
Measles	8
Relapsing Fever	56
Diarrhœa	6
Phthisis	15
Chicken-pox	9
Erysipelas	1
Remittent Fever	12
Tubercle of Lungs	11
Pneumonia...	4
Other Diseases	60

NUMBER OF HOUSES VACATED ON ACCOUNT OF PLAGUE AND OTHER INFECTIOUS DISEASES.

	Total.
Plague	505
Small-pox	46
Dead rats	1
Relapsing Fever	1
Cholera	35

STATEMENT SHOWING THE WORK DONE IN THE MUNICIPAL LABORATORY FROM 1ST JANUARY TO 31ST DECEMBER 1904.

Serial No.	Nature of Samples.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1	Well Water	7	4	6	6	7	9	2	...	...	...	6	4	51
2	Tank Water	...	...	1	...	1	...	2	...	...	...	...	2	6
3	Sewage Water	...	...	...	...	...	...	...	...	...	...	...	1	1
4	Soda Water	1	...	...	...	...	1	2	...	...	...	...	...	4
5	Lemonade	...	...	...	...	...	...	1	...	...	...	...	...	1
6	Milk	16	16	19	15	20	20	16	2	...	...	...	...	124
7	Cream	...	...	2	...	...	...	...	...	...	...	...	...	2
8	Meat	...	1	...	...	...	...	...	...	...	...	...	...	1
9	Ghee	8	3	5	8	5	5	5	...	...	...	...	...	39
10	Butter	1	2	3	2	3	5	2	...	...	...	...	...	18
11	Rice	...	...	2	...	...	...	...	...	...	...	...	..	2
12	Rice Flour	...	...	1	...	...	...	1	...	...	...	...	...	2
13	Wheat Flour	1	2	3	2	2	...	...	...	...	...	...	...	10
14	Bajree Flour	1	1	...	1	...	2	...	...	...	...	...	...	5
15	Gram Flour	...	...	...	...	1	...	...	...	...	...	...	...	1
16	Sweet Oil	1	1	1	...	...	1	...	...	...	...	...	...	4
17	Tea	1	1	1	1	2	...	...	...	...	...	...	..	8
18	Coffee	2	...	2	1	1	2	...	...	...	...	...	...	8
19	Vinegar	1	...	...	2	...	1	...	...	...	...	...	...	4
20	Rum	1	1	...	...	...	...	...	...	...	...	...	...	2
[illegible]	Country Liquor (Bewda)	...	...	1	1	...	...	...	...	...	...	...	...	2
	" (Feni)	...	...	1	...	1	1	...	...	...	...	...	...	3
[illegible]	Bar Soap	...	...	...	...	...	...	1	...	...	...	...	...	1
24	Carbolic Acid Powder	2	...	...	1	...	1	...	...	...	...	...	3	7
25	Hydrochloric Acid	2	...	1	...	...	1	1	...	...	...	...	...	5
[illegible]6	Disinfecting Fluid	1	...	...	...	1	1	...	...	...	...	...	1	4
27	Perchloride of Mercury	1	...	1	...	...	1	..	...	...	...	...	...	3
28	Kudo Powder	...	...	...	...	...	1	...	...	...	...	...	...	1
29	Soda, Bicarb	...	...	1	...	...	...	...	...	...	...	...	...	1
30	Pills	...	...	1	...	...	...	...	...	...	...	...	...	1
31	Juice of a tree	...	...	1	...	...	...	...	...	...	...	...	...	1
32	Lime	3	2	2	2	2	2	1	...	...	...	3	2	19
[illegible]	Pumice	...	...	...	...	...	...	...	...	...	...	1	...	1
[illegible]	Asbestine Paint	...	...	...	...	1	...	...	...	...	...	...	...	1
[illegible]	Blood for Malaria	4	...	...	...	...	...	...	...	...	...	...	...	4
[illegible]	Blood for Leprosy	...	...	...	2	...	...	...	...	...	...	...	...	2
[illegible]	Iron Pipes	3	1	...	...	...	...	...	...	...	...	...	...	4
38	Extract Nucis Vomicæ	...	...	...	...	...	...	...	...	...	...	...	2	2
39	Dead Rat	...	...	...	1	...	...	...	...	...	...	...	...	1
		57	35	55	45	47	56	34	2	...	...	10	15	356

REMARKS.—Besides analytical work, experimental work was undertaken for the Mechanical Branch of the Engineering Department, with regard to solving a difficulty in connection with the cement for Bassa ribs and wood blocks of the road sweeping machines.

STATEMENT SHOWING THE WORK DONE OTHER THAN MUNICIPAL IN THE LABORATORY FROM 1ST JANUARY TO 31ST DECEMBER 1904.

	Nature of Samples.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1	Well Water	...	...	...	...	...	1	...	...	...	...	...	...	1
2	Tank Water	...	...	1	...	...	...	...	...	...	...	...	...	1
3	Milk	1	1	...	...	...	...	...	...	...	...	1	...	3
4	Butter	...	...	...	...	...	...	...	...	...	...	...	1	1
5	Blood for Malaria	...	3	1	1	1	...	1	...	1	...	...	...	8
6	Sputum	...	...	...	...	...	...	1	...	...	1	1	2	5
7	Urine	...	...	2	...	...	1	1	...	...	...	...	...	4
8	Blood for testing Typhoid	...	...	1	1	...	...	...	...	...	2	...	...	4
		1	4	5	2	1	2	3	...	1	3	2	3	27

ADMINISTRATION OF THE HEALTH DEPARTMENT.

For administration purposes the City is divided into 3 Divisions. Each Division is under the control of a Health Officer called the Divisional Health Officer. He works under the Executive Health Officer and is responsible for the sanitary and conservancy work of his Division.

These Divisions are divided into Wards which are again sub-divided into Sections, having their own Staff Offices, Ward Offices for Ward Inspector and stables for the accommodation of bullocks, carts, vans, &c.

No. 1 Division comprising A, B and C Wards and having a population of 376,624 is under Dr. C. H. Cayley, M.A., M.D., No. 2 Division comprising D and E Wards and having a population of 258,251 is under Dr. W. Venis, D.Ph., and No. 3 Division comprising F and G Wards and having a population of 141,101 is under Dr. Sorab C. Hormusjee, D.Ph.

There are 3 Chief Conservancy Inspectors, 7 Sanitary Inspectors, 14 Assistant Sanitary Inspectors, 7 Conservancy Inspectors, 3 House-Drain Cleaning Inspectors and 1 Inspector for the Kutchra Loading Siding at Tardeo, 45 Sub-Inspectors and 6 House-Drain Cleaning Sub-Inspectors.

For Registration of Births and Deaths and investigations into Plague and other infectious diseases there are 10 qualified Medical Men, 20 Hospital Assistants and 10 Visiting Nurses.

There are 10 Municipal Medical Relief Dispensaries and Offices for the Registration of Births and Deaths. To each of these Offices is attached an adequate staff for inquiring into the cause of deaths and checking the Cemetery returns for the purpose of disinfecting houses and rooms where cases of infectious diseases occur, or where dead rats are reported.

There is one Special Assistant Health Officer who is in charge of the Arthur Road Hospital for infectious diseases and Maratha Hospital for Plague.

For Veterinary work and for inspecting the Municipal Bullocks, Milch-Cattle Stables, there are three qualified Veterinary Surgeons.

There is a Municipal Analyst in charge of a full equipped Chemical and Bacteriological Laboratory for the Analytical and Bacteriological Examinations. The Chemical Analysis and the Bacteriological Examination of the Municipal water was conducted by Dr. C. H. Cayley, M.A., M.D., throughout the year.

For flushing house gullies there are 8 Sub-Inspectors, 8 Muccadams, and 176 Bigaris.

The Labour Staff consists of :—

181 Muccadams, 96 Scavengering and 85 Halalkhore, 31 Patels, 3,095 Bigaries, [illegible]9 men and 1,046 women, 2,563 Halalkhores, 1,647 Cart Drivers, 276 Halalcore Cart Drivers, 1,797 Municipal Carts, 1,342 Scavengering, 280 Drain and 275 Cesspool and Night-Soil Carts, 2,595 Bullocks, 12 Horses and 3 Mules, 96 Karkoons, 62 Birth Karkoons, 34 Death Karkoons.

The whole of the above staff is distributed in the three Divisions and is supervised and controlled by the Divisional Health Officers under the Executive Health Officer.

Transfer of the work of cleansing house drains and removing the chokes to the Health Department.

When I joined the Health Department in February 1901, the first thing that forced itself on my attention was the unsettled and unsatisfactory state in the matter of the cleansing of house drains. My investigations revealed that the nuisance so close to houses was a source of danger to the health of the inmates convinced me that improvement in that direction was an urgent necessity as it would lead to better health conditions in the vicinity and surroundings of dwelling places. The attention of the Municipal Commissioner and the Drainage Engineer was drawn to this, not in the spirit of finding fault with the working of other Departments but with a view of placing the cleansing operations on a footing which would satisfy the requirements of sanitation. The question formed a subject of long communication both with the Commissioner and the Drainage Engineer.

It was in the end resolved by the Corporation that the work should be transferred to the Health Department. Before this if any house drain below the surface of the ground was choked and the choke could not be removed by the Health Department, a notice had to be sent to the Drainage Department for the purpose. The staff at the disposal of that Department for the work was, as pointed out by me, quite insufficient. The Deputy Executive Engineer, Drainage, Ordinary Branch, thereon agreed that the work should be done by the Health Department to which he would hand over certain staff for it. I could not agree to the proposal owing to the insufficiency of the staff. It was several times pointed out that for the proper execution of such a work more supervision was required at the hands of a properly trained staff. I suggested the appointments of Inspectors who have a knowledge of practical sanitation including bricklaying, masonry, plumbing, drainage and building, and who can at once know which of the defects that would arise was particularly prejudicial to public health. They must be active, energetic men who would daily visit several parts of the City, report on the condition of each gulley and house drain, and take the necessary steps to improve the defects, re-visit the spots from time to time, see that every drain is well and truly laid, and not allow a new house to be occupied until they certify that the drainage work thereof is satisfactorily done. I objected

to this work, being subject to the dual control of the two departments, and if the staff of the above description be employed I agree to the work being done by the Health Department provided the whole of the work was to be done under their direction. I also suggested that the whole work might be done by the Drainage Department with the staff of the training I described, but not with the insufficient staff they then had. It was repeatedly pointed out that the work could not be properly done without better supervision and more labor.

It was also observed that the proposed procedure will place in the hands of the department in charge of house drains, large powers which if properly carried out will tend to improve the condition of drains and remove nuisance. An important point will however often arise regarding the ownership of a house as, in the majority of instances, two or more houses, the property of different owners, are connected to the sewer by a single private drain and in this case a notice will have to be served on all the owners whose houses drain into a single private drain and this expense recovered from the different owners of the houses in such shares as shall be settled by the Commissioner or in case of a dispute by the Magistrate or the Judge of the Small Causes Court. This, however, refers to the private drains, when the block occurs in the drain after it leaves the premises, which is the most frequent position, the work will have to be done by the Drainage Department at the Municipal expenses.

The Municipal Commissioner in his letter No. 35407 of 23rd March 1903 to the Municipal Secretary with reference to para. 3 of Corporation Resolution No. 14882 of 13th March 1902 on the question of the transfer of the said work from the Drainage Department wrote: "That after full enquiry and consultation with the Departments concerned I have come to the conclusion that the system most likely to be efficient is that the control of all the Municipal drains except the Road side drains should rest with the Drainage Department and the control of the House drains and open road side gullies with the Health Department. The adoption of this will involve the transfer of the cleansing of old storm-water drains to the Drainage Department and of the removal of chokes in house connections and all action for the repair of private connections to the Health Department. It is considered desirable that the street connection work should remain with the Drainage Department as any repairs to this must involve the opening of the road. The system proposed will, it is believed, save much correspondence between the departments concerned and obviate delays which take place in the removal of chokes."

By the proposed transfer the additional work thrown on each of the two departments will be as under:—

(*a*) On the Drainage Department the cleaning of all the storm-water drains hitherto in charge of the Health Department.

(*b*) On the Health Department the cleaning of and removal of chokes in house drains.

General conditions of storm-water drains.

The general condition of the storm-water drains is bad, the cement is worn away in many places, allowing the water to pass through the walls and to pollute the neighbouring wells. The condition of some of the smaller and newer storm-water drains is not so bad, but even in them the cement is getting worn away. These remarks must however be regarded as approximate only as they are based on observations made when the drains were being cleaned. The condition of a drain cannot of course be ascertained with accuracy unless the drain is laid open for its whole length.

The majority of these drains are not water-tight and in most cases the manholes provided are insufficient. No general rule can be laid down as to the distance manholes should be placed, as much depends on the condition, depth and direction of the drain, but on the existing drains I would suggest that there should be a manhole every 30 feet to facilitate cleaning, the object of the manholes being to obviate the necessity of opening the streets when these manholes do not exist. I have made many reports on these drains, and am still strongly of opinion that all the old storm-water drains should be properly relaid and no storm-water drain should receive sewage and sullage.

Removal of house and street refuse by Railway and proposal of sidings at convenient places.

During this year again the question of removal of house and street refuse was gone into, but no satisfactory solution of this important problem was arrived at. The chief difficulty lies in the direction of getting sites for sidings. The Railway Companies do not seem to be alive to the importance of the fundamental principle of sanitation that a complete removal of filth and refuse, as soon as it is created, to some convenient place away from human habitations and its destruction, are as necessary for preserving health conditions as the acquisition of pure water, air and dry soil. The conditions the Railway Companies impose do not help us in the solution of this important question. When it was found unsafe to deposit refuse any more on the flats arrangements were made with the Railway authorities to carry the refuse in Railway trucks to Deonar—a place some miles away—the kutchra being used for reclaiming land. I might say that much has been done in the direction of a somewhat satisfactory solution of the difficult problem of the disposal of the town sweepings. But the question still admits of much more being done in a thoroughly satisfactory way from a sanitary point of view. With this object

I communicated with the Railway authorities and proposed construction and opening of loading platforms and sidings at convenient places in the City for the removal of refuse and subsequent carriage thereof to Mahalaxmi and thence to Deonar. Sites for the purpose were selected. The proposals were important so far as the question of public health was concerned and were made with the object of minimising, if not thoroughly removing, the grave nuisance and inconvenience caused at present from the fact that refuse is carted at all hours of the day and through all the portions of the City in bullock carts. But the Railway authorities do not seem to be inclined to treat the subject in the same spirit as the Municipal authorities would wish.

If the Railway authorities agree to the proposal of sidings there would be a decided advantage over the existing primitive system of carting refuse, and a large saving in bullocks, carts and drivers will be effected. There will also be an improvement in the condition of the City, and a saving in the staff at the loading sidings at Mahalaxmi and in the haulage charges. The bullocks will have to travel a shorter distance and their conditions will be improved and wear and tear of the bullocks will be less and some saving in the amount for the purchase of bullocks will be effected. The stable accommodation will be less. There will be less kutchra dropping from overloaded carts in the streets and we shall have a cleaner city.

Public horse and cattle stables.

All stables are regularly inspected by the Veterinary Inspectors to ascertain whether the cattle in them are suffering from foot and mouth disease or rinderpest, with this exception the Public Health Department possess no special staff for the inspection of stables. The stables are however visited regularly by the Inspectors, Sub-Inspectors of the Health Department and also by the Divisional Health Officers, and action is taken under Section 377 of the Municipal Act if a stable is found to be dirty or in insanitary condition. Up to the beginning of the year 1901 it was customary with the stable-owners to place in the Health Department Dust-bins the litter from the licensed stables throughout the City. As this practice entailed more work than our carts could satisfactorily cope with it was decided with the Commissioner's approval to issue notices under Section 367 to the effect that all dung and litter produced at licensed stables should be removed by the licensees to the Tardeo Flats. Considerable difficulty has however been experienced in enforcing this order, as the Health Department can take no action under Section 392 of the Municipal Act, Clause A, to enforce the daily removal of the litter to the place appointed for the purpose unless the licensee is also the occupier of the stable, which he is not in almost all cases. In order to obviate this difficulty the Superintendent of Licenses was requested to add a clause in the license requiring the licensee to remove all litter daily to the flats. This has been done, but the enforcement of the requirement of this additional clause depends upon the action being taken by the License Department and not the Health Department. This causes confusion and delay.

The stable litter is not consequently removed to Flats and is deposited in the Municipal dust-bins as before. The retrograde motion in the matter encourages the delinquents to prosecute their offensive practice with impunity inasmuch as they come to see that the breach of Municipal law is not punished, and in no measure does it tend to improve the insanitary condition of the stables in the City.

While inspecting the stables with regard to their cleanliness and the removal of litter, dung, &c., the evil and injurious practice of feeding cattle on stable litter and dung was detected and the owners prosecuted. Prosecutions have also been instituted for washing dung into the drains.

As regards overcrowding in stables, when it is found that there are more animals in a stable than are allowed by the license, the Superintendent of Licenses is requested to take action in the matter. As long as this dual control over the licensed stables both by Health Department and the Department of the Superintendent of Licenses continues to be practised the conditions of the stables in the City become a task of extraordinary difficulty of bringing them under efficient and sanitary control.

The Health Department is primarily responsible for the sanitary conditions of stables, but in most cases is powerless and can do nothing beyond reporting the matter to the Superintendent of Licenses.

Conditions of Bakehouses in Bombay.

During the year a systematic inspection of all the Bakehouses in the City was made by the Divisional Health Officers and detailed reports made by them. The following is a summary of the reports :—

In addition to the Bakeries proper there are a number of small-shops at which biscuits, &c., are prepared in small quantities and sold on the spot. These places are not provided with proper ovens. Strictly speaking they are cooking shops where other kinds of food are prepared and sold. The special rules for Bakehouses under the factory Act in England requires—

(*a*) That no water closet, privy, or ash-pit be within the Bakehouse or directly connected with it.

(*b*) Any cistern supplying water to Bakehouse must be separate from any cistern supplying a water closet.

(*c*) No drain or pipe carrying off sewage to have an opening within the Bakehouse.

The majority of the Bakehouses in Bombay comply with these requirements but they are objectionable and insanitary in many other ways.

Any one who has inspected the Bakehouses in Bombay and watched the process of bread making as carried on therein will readily admit that many of these establishments are likely on occasions to become infected with the specific organisms of certain diseases, *viz.*, Cholera, Phthisis and Typhoid Fever and that such germs could easily be conveyed to the dough either by the air, by utensils, by the agency of flies or by the hand of workmen. It is of course true from the consumers' point of view that the evils of insanitary Bakehouses are to some extent counteracted by the process of baking, but carefully conducted bacteriological experiments have shown conclusively that baking does not necessarily destroy all the germs that may be contained in dough. Moreover bread when taken from the oven is often allowed to be in the Bakehouse for a considerable time and there is then every chance of the crust becoming contaminated in one or more of the ways mentioned above. The insanitary Bakehouse is therefore a source of danger, both to the bread consumer and the bread producer and in the interest alike of the public and the workmen certain structural and sanitary standards are obviously necessary in respect of premises to be used as Bakehouses. There is one thing to be noted in connection with these Bakeries that their water supply is satisfactory. The only section of the Municipal Act that deals with Bakehouses is Section 392. But the provisions of that Section appear to be so vague that it is hardly possible to take any action for the sanitary regulations of these structures. I would propose the following precautions be insisted upon for Bakehouses :—

(1) The building should be a detached one. No bakery to be permitted inside chawls or dwelling houses.

(2) The buildings should possess the conditions of wholesomeness needed for dwellings in general and should further have arrangements fitting it for the special purpose of a Bakehouse. Separate rooms should be provided for storing flour, for mixing and kneading the dough, for baking and storing the bread. The rooms should be well lighted, ventilated and airy, and the floors and the walls should have a smooth and non-absorbent surface that can be easily cleaned.

The dough troughs and kneading tables should perfectly be of glazed iron and moveable so as to admit of ready cleansing by water. If made of wood the inner surface should be smooth and free from cracks so as to prevent the lodgment of dough and putrescible material. The oven should be so arranged that none of the fumes can escape into the room in which it opens and the chimney should be of sufficient height. The bread when baked should be taken to a special room and kept in such a way as to protect it from contamination.

A special lavatory should be provided for the work people and it should not communicate directly with the Bakehouse, but should be quite detached. No drain or pipe directly communicating with a house drain or a sewer should have an opening in the Bakehouse and the Bakehouse should not have any windows or ventilation openings abutting on a sweepers' passage and should not be situated near a privy or other potential source of contamination. The water supply of a bakery should be from a service pipe connected to a main or from a special cistern so located as to admit of its being readily cleaned. No person should be permitted to sleep in a part of the Bakehouse and no room on the same level as the Bakehouse and forming part of the same building should be used as a sleeping place unless effectually separated from the Bakehouse by a masonry partition extending from the floor to the ceiling.

The utmost cleanliness should be observed in the various process of bread making and the premises and appliances should be kept in a thoroughly clean and sanitary condition.

In the vast majority of the Bakehouses the bread is manufactured by hand and the provisions of Sections 390 and 392 of the Municipal Act are not applicable to them. We cannot therefore prevent these establishments being started and carried on in buildings altogether unsuitable for the purpose and our action in respect of them is limited to seeing that they are periodically cleaned and limewashed. This however is not sufficient, and if a bread supply prepared under wholesome and sanitary conditions is to be looked for, all Bakehouses will have to be licensed or registered with a view to bringing them under sanitary control. The question of ensuring the supply of wholesome bread in the City is one of considerable importance and as bread forms the chief supply of food of the majority of population it is the primary duty of the Corporation to see that the supply is guaranteed to be free from any contamination.

Inasmuch as Bombay is year by year affected by plague, small-pox and other infectious diseases very scrupulous care is necessary to ensure the supply of food and uncontaminated bread. I need hardly point out how much of the health conditions of the City is dependent on the wholesome supply of articles of food. I would therefore suggest that the restrictions proposed by me be adopted and that all Bakehouses be registered and that the sanitary control of these be left in the hands of the Health Department.

Supply of pure milk to the poor.

In my last annual report I gave a detailed account of the milk supply to the City and made several suggestions. The Corporation asked for a fresh report on my proposal of providing a Municipal milk supply and I reported as follows :—The scheme is in itself beset with many difficulties which will have to be overcome. To ensure the purity of the milk the

Municipality should have their own milch cattle stables with suitable men in charge to see that the stables are kept clean, milk vessels properly scalded and that the milking is properly carried out. The stables should be situated in the north of the Island where there is plenty of open ground and a site for a suitable dairy should be provided in the immediate neighbourhood of the stables where the milk should be strained, cooled and placed in covered cans for distribution.

The sources of milk pollution in Bombay are not only in unsatisfactory methods of milking and in storing and conveying the milk supplied, but also dirty domestic conditions and particularly in uncleanliness in the use of feeding bottles and vessels. The ideal of public health administrations in respect of infant feeding is of course a pure milk supply which requires no sterilisation, but as at present it is impossible for the Municipality to successfully attack all the sources of pollution referred to above, and it is for this reason that I would advise the sterilization of the milk before its distribution. The sterilized milk is only a modified milk as a substitute food for infants. This milk should be made as much like human milk as possible and would contain the constituents of breast milk, *viz.*, fats, proteids and lactose combined in such proportions as would suit the requirements of each individual infant and free from bacteria and their toxins.

It is of the utmost importance that very great care should be exercised in the handling of the milk prior to its modification and it would also be necessary to pasteurise or sterilize the milk and to deliver it in sealed bottles so as to prevent its becoming contaminated in the infants' houses. As, however, the object of the scheme is the preservation of life and the prevention of disease amongst infants, it would be necessary whatever method of supply be adopted that the system should be individualized, as the indiscriminate use of sterilized human milk is undesirable and the hand feeding of infants requires so much intelligent care that it should not be encouraged wholesale. It must be distinctly understood that the milk is provided only for those infants whose mothers cannot suckle them.

The tendency for mothers to feed their infants on such milk instead of suckling them the natural way would also have to be guarded against by providing the milk only for those infants whom it was found impossible to bring up upon mothers' milk. In short the system would have to be under direct medical supervision. It would be impossible to supply milk to the poor at a price which they can afford to pay as at present good milk costs 3 annas a seer of 2 ounces. For this reason if the Corporation are of opinion that the milk supply to the poor should be free of any charge I would suggest that it may be distributed through the agency of the District Registrars who are all qualified medical men and their staff and only to those who cannot milk their children.

Milk Depôts have been established at Fe-camp, Liverpool, St. Helena, Battersea and other places. These depôts supply milk free from chemical preservative and sterilized and modified as to suit the infants' digestive capacity. The supply is made in stoppered bottles, each bottle containing sufficient food for one meal and no more so that house contamination is prevented.

The method of working the Battersea Depôt is as follows :—The milk is supplied from a local Dairy house and arrives in the early morning. It is guaranteed free from chemical preservatives and to contain not less than 3·25 per cent. butter fat. The first process is the modifications or humanization. Three modifications are employed. The first contains two parts of water to one of milk, seven ounces of cream and seven of lactose being added to each gallon of mixture. This modification is given to infants under three months old. The second modification which is given to infant between three months and six months old consists of equal parts of milk and water with five ounces of cream and lactose added per gallon. The third consists of two parts of milk to one of water with three ounces of cream and lactose added per gallon and is given to infants over 6 months old.

The milk having been modified it is bottled and the number of bottles and the quantities are set out as shown below :—

Age-period.	Number of bottles per day.	Amount per bottle.	Amount per day.
		oz.	oz.
Below two weeks old	9	1½	13½
Between 2 weeks & 2 months old	9	2½	22½
„ 2 & 3 months old	8	3	24
„ 3 & 4 „	7	4	28
„ 4 & 5 „	7	4½	31½
„ 5 & 6 „	7	5	35
„ 6 & 8 „	6	6	36
„ 8 & 12 „	6	7	42

After bottling the stoppers are closed and the bottled milk is heated by steam and kept at a temperature of 212° for from 5 to 10 minutes. It is allowed to cool and then supplied to the customers. Each mother on first coming to the Depôt is given a leaflet of instructions as to the proper method of using the milk. The method is very simple. When feeding time arrives all she has to do is to place the bottle unopened in some warm water till the milk has reached body temperature. The bottle is then opened a small teat put on the mouth and baby takes its milk from the sterilized bottle direct.

If such a Depôt or Depôts are established in various places in the City some such method as the above will have to be adopted. As an experimental measure I would suggest one or two Depôts may be put up for the present. Success from a financial point of view must not be looked for and every effort should be made to see that the supply of this kind of milk is within the reach of the poor. In this connection I would invite the Commissioner's attention to my No. 5893 of 11th July 1902, wherein I have stated the reasons of high mortality amongst infants in Bombay.

By improving the quality and purity of the milk supply for infants and by giving instructions as to the feeding of infants we would at the same time be helping to educate the sense of duty towards their infants on the part of parents and it cannot be doubted that a spread of sound information upon the rational and scientific feeding of infants taken in conjunction with some widely organized scheme for the supply gratuitously or upon nominal terms of properly prepared and constituted infant food would be a boon to the City. We should not however be led into thinking that even so valuable the innovation would do more than counteract some of the evil effects of general social conditions for improper feeding is after all only one of the many causes of sickness and high mortality amongst infants.

I would suggest that an attempt be made through the Municipal Laboratory to give pure milk prepared and issued to the District Registrar who would distribute it. A Lady Superintendent should be appointed on a salary of Rs. 100—50 per mensem who would visit the children who are being supplied, giving instructions as to its use and a regular register kept of the amount distributed and the result of the feeding. The milk could also be sold to philanthropic persons for distribution amongst the poor and this would to some extent pay for the preparation. To make the experiments anything like a success, the rich and the millowners should be urged to use the method of private relief.

The supervision of the milch cattle stables in Bombay is undertaken by the Health Department and is one of the great difficulties. The number of milch cattle stables and their conditions has formed the subject of many reports, and the systems on which the stables are worked on make it next to impossible for the milk to remain uncontaminated. Even if it were possible to render the stable sanitary, the method of distribution, the climate, habits and customs of the people constantly tend to render the milk unwholesome. Apart, however, from the question of the milk the question of the infant mortality depends not only on the impurity of the milk both in quantity and quality but the way the milk and other food is given to the infants, and my object is not only to improve the quality of the milk supply by strict supervision of the Cow-sheds and Dairies but to induce mothers who cannot suckle their infants to obtain a wholesome food and learn how to use it. That the Municipality can take up this suggestion without becoming milk vendors or interfering with milk trade is perfectly clear. I do not suggest that the Municipality should take up a wholesale or retail supply of milk in opposition to the trade, but that they should see that milk supplied to infants is of such a character as to be a nutritious and suitable food. By starting a depôt for the sterilization of milk an impetus will be given to trade to do the same. All milk bought and sold at these depôts will be analyzed and a certificate can be given to the milk seller that the dairy owners and their stables are in a good condition and that the milk sold is pure when it is known that such certificate can be obtained. Great care will be exercised by the stable owner and milk man as milk from such a dairy or stable will have a greater market value.

Milch-cattle stables are licensed when they conform with the by-laws, but the staff of the Health Department have prosecuted the owners and occupier for the condition in which they are kept. The fines inflicted by the Magistrates are so small that it does not deter the occupier and owner, and the insanitary condition remains, and nothing but the refusal of license can do this under the new by-law which I have proposed, giving further powers to the Public Health Department. Although constant prosecutions may have some effect, much more benefit would accrue if the milk seller found that his milk is not purchased and that his name did not appear in the public shed list of sanitary dairies.

I append a detailed statement of the cost of providing 1,000 seers of sterilized milk daily and distributing the same.

1. By the Corporation purchasing 100 buffaloes and keeping them in their own stables.

2. By purchasing the milk wholesale, the sterilizing it and distributing.

100 buffaloes at Rs. 140 each	Rs.	14,000
Machinery plant	„	2,000
	Rs.	16,000
At 4 per cent., say Rs. 55 per month.		
Cost of feeding, keeping and stabling 100 buffaloes at Rs. 25 per head per month	Rs.	2,500
Cost of staff, &c.—		
Lady Superintendent (including carriage allowance) ... ... Rs. 150		
Bottles ... ... „ 100		
Rent and materials ... ... „ 100		
Sterilizing expenses and staff ... ... „ 200		
Rs. 550		
Begaries and Contingencies... ... ... „ 250	Rs.	800
	Rs.	3,355

2. To purchase 30,000 seers of milk at 2 annas per seer will cost Rs. 3,750. To this amount must be added Rs. 550 or about 4 pies per seer making the cost of the milk annas 2 4 pies per seer.

In the first arrangement by selling the milk at 2 annas per seer the Corporation would make a profit of 3 pies per seer. In the second a loss of 4 pies per seer.

In one case the Corporation can reduce the milk to the poor to cost price, bringing to 1 anna 9 pies per seer without incurring any expense.

Bathing and washing places.

The Corporation having asked for a report as to the number of bathing and washing places required in different wards of the City, my report was submitted with a list of such places and in which I explained the advantages that would accrue by constructing them, and the necessity for the same. The question is very urgent and important from sanitary point of view and I trust the Corporation will see their way of carrying out the suggestions at an early opportunity on the ground of public good.

Transport of the Town sweepings of Bombay by Railway to Deonar and the transfer of the Rail work to the ExecutiveEngineer's Department on 1st June 1904.

A most important sanitary work that had engaged the attention of previous Municipal Commissioners, Engineers and Health Officers of the Corporation was the disposal of Town sweepings of the City of Bombay. The advantages and disadvantages of the various systems of disposal, principally those of incineration and transportation outside the limits of the City were fully gone into. A Committee of the Corporation appointed for the purpose resolved after mature deliberation that the transportation system commends itself for adoption on the grounds of economy and sanitation, and proposal to revert to the original system of reclaiming the Government ground at Coorla was accepted on the assumption, that Government would sell to Municipality the land outright which was leased to them for a short time. Government, however, declined to the proposal of Corporation to sell the land to Municipality. The proposal therefore to deposit the sweepings on that ground was abandoned. Mr. Ardesir Cursetjee Cama, the owner of a large area of swampy land, situated near the village of Deonar near Chimbur offered to sell it to Municipality. The land was inspected and found suitable for the purpose. A proposal to acquire this ground for the deposit of refuse and to construct a Railway line from the Coorla Station to it was laid before the Corporation. On receipt of this sanction construction of the line was undertaken. The 1st kutchra train was run on 15th June 1899, after the line from Kurla to Deonar was examined by the members of Corporation on 11th April 1899 in a special train. Considerable difficulty was experienced in obtaining labor and there was much sickness amongst the people employed. We gradually developed the system and the staff employed became more used to the work which was new to them. The Railway embankment being new great care had to be exercised in running the trains and no interruption was caused to the train service by the subsidence of the line during rains. Two trains of 25 waggons, each averaging a daily removal of 1,350 cart loads, were run daily, one in the morning and one in the evening. At the commencement the work of emptying the waggons was comparatively easy, but as the deposit extended from the line of rail the work became difficult, the refuse having to be pulled and carried a considerable distance away. Chawls for work people were erected by the Municipality close to the tipping ground. Quarters for resident inspectors and a clerk were also constructed. The Health Department was responsible for the unloading of kutchra at Deonar and the Engineering Department were responsible for the maintenance and the up-keep of the Railway line from Kurla to Deonar. The dual control over the disposing of Town sweepings by Railway was a subject which engaged my attention for some time, and after careful consideration of the matter, I came to the conclusion that the work of the unloading siding at Deonar should be entirely under the control of the Engineering Department. I pointed out when once the kutchra is deposited in the waggons at Mahalaxmi the work of conveying kutchra and its

distribution on the reclamation land at Deonar could be equally well done by the Engineer's Department, and the responsibility of the disposal of the kutchra after its removal from the Mahalaxmi siding should, I think, be undertaken by the Executive Engineer who agreed with me on the main questions. The reasons he gave fully endorsed my opinions that the work lies within the province of the Engineering Department. It was further pointed out that in every large town in England, and almost in every large city in Europe and Australia this work is done by the city Engineer or Surveyor, while in Calcutta the conservancy of the city is now under the Engineering Department. The Executive Engineer agreed to the proposal of transfer on the following reasons :—

1. The whole work will be under the control of one Department and that it will result in some saving in the cost of the supervising establishment.
2. The arrangement will secure undivided responsibility in the arrangement and control of Municipal properties at Deonar.
3. The rules and regulations for the working of the Railway will be more effectively observed and the arrangements for shifting will be more easily made.

Removal of night-soil deep into the sea by steam barges.

My remarks were called on (1) the practicability or otherwise of the proposal to remove the night-soil deep into the sea by steam barges, (2) its advantages from a sanitary point of view, (3) an approximate estimate of the cost of carrying it out, (4) whether suitable sites will be available for the disposal of night-soil and if so, what sites.

As to the first query I may point out that taking all the circumstances into consideration and the various difficulties that have to be overcome the scheme appears to me to be an impracticable one.

(*a*) The greatest difficulty will be in getting suitable sites for the location of the steam barges either along the eastern or western foreshore.

(*b*) It would be almost impossible to take the steam barges to a sufficient distance in the heavy weather while the south-west monsoon is blowing. To overcome this difficulty powerful and sea-worthy steam barges would be required, and the cost of purchasing these would be considerable.

(*c*) The state of the tides will not permit the steam barges being anchored close to the foreshore and on that account special docks or piers will be necessary. The new Harbour schemes of the Port Trust will necessitate such a pier being put up at the extreme north end of the Harbour near Sewri and the distance that the carts with the night-soil pails would have to travel would be prohibitive. The distance would be too great to allow of the carts being drawn by [illegible], and bullocks will have to be employed. This would necessitate the provision of more stable accommodation as the existing Municipal stables are not sufficient for present requirements.

(*d*) I think the attempt is to substitute metal pails for the basket ones which are usually placed at the bottom of privy shafts to receive excreta. The full pails would be replaced at regular intervals by empty clean ones and after-air tight covers had been applied to them would be removed in specially constructed carts to steam barges. The pails and their contents would then be conveyed far out to sea where the excreta would be disposed of and the pails cleaned and brought back empty to the City where depôts would have to be provided for their reception and distribution. Privies in Bombay are not constructed on a uniform type and in some cases they are ground floor structures, while in others, the seats are arranged in tiers, one above the other. The chambers for the privy receptacles at the terminal ends of the privy shafts are of various shapes and sizes, and a pail which as regards shape and size was accurately adapted for a ground floor privy would prove quite unsuitable for a privy with three or four floors. Before the scheme proposed could be given effect to, it would be necessary to decide upon some uniform type of construction for privies and to call upon all house-owners to so alter existing privies as to conform to it.

(*e*) There would be occasions during the monsoon when it would be impossible for the barges to put out to sea and that the occasional foundering of a barge would probably occur in stormy weather. Such contingencies could not effectually be provided for or guarded against; and by completely disorganizing the conservancy work of the City they would prove a serious menace to the public health.

The advantages of the removal of the night-soil by barges from a sanitary point of view would not be commensurate with the great increase in the expense that would be incurred and extra nuisance would be caused in carting night-soil through the streets for greater distances. The objections to the present system of privies and privy receptacles would still exist, the only difference would be that the privy receptacles would be emptied into pails instead of into Halalkhor baskets. The distance to the pier at which these pails would be emptied would be so great that if the privy receptacles over the greater part of the City are to be emptied twice a day, it would be necessary to engage a large staff of more bullocks and carts. When the carts containing the pails reach the barges, then the pails would have either to be taken out of the cart and placed bodily on the barge, or the carts wheeled into the barge, or the contents of the pails again emptied

into receptacles on the barge, either of the process will add to the nuisance and will entail much more labor than at present, and I do not see how we can guarantee that the night-soil will not return with the tide to the Harbour or Foreshore. Although all the solid portions of the night-soil would no longer enter the sewers, the sewage itself for all practical purposes be impure and offensive. The night-soil would have to be carried in carts throughout the City which would be but little less offensive than the existing method.

I am unable to give an estimate of the cost of providing steam barges, bunders, piers, &c., and I would therefore confine myself to the approximate cost of pails and pail carts.

The privies are cleaned twice a day, and as the pail which was removed from a privy in the morning could not be returned before the next morning, it would be necessary to have at least three pails for each privy receptacle and to guard against contingencies, such as delay in the return of a steam barge. It would be safe to assume that 4 pails would be required for each receptacle. There are about 35,106 privy receptacles in Bombay and the total number of pails to be provided would therefore be $35,106 \times 4 = 140,424$. A pail costs about Rs. 10 and it holds 28 lbs. ; not more than 8 such pails could be conveniently conveyed in a cart, and allowing extra carts for emergencies $\frac{35,106}{8} + \frac{1}{10}\left(\frac{35,106}{8}\right) = 4,823$ carts would be required. Each cart costs about Rs. 170 and the total initial cost for carts and pails would therefore be Rs. 22,24,150 according to the following calculations :—

140,424 pails @ Rs. 10 per pail	...	Rs.	14,04,240
4,823 carts @ Rs. 170 per cart	...	,,	8,19,910
	Total	Rs.	22,24,150

It is not possible to give the cost of working at this stage, but roughly I should say it would be more than double the present systems and the up-keep of the sewers and pumps and disposal of sewage would still remain. Our difficulties with the Port Trust and the Railways to find sites for pail depôts and sidings, &c., are too well known to the Commissioner for any remarks.

As far as I see there is no prospect of our getting any suitable site at central or convenient situations for the erection of the necessary pier as all the harbour side of the foreshore from the Ballard Pier to Sewri is being taken up in the New Docks and Railway Scheme of the Port Trust.

Collection and disposal of night-soil.

I have again and again reported that the existing method of collection and disposal of night-soil is the chief cause of the unsatisfactory health conditions under which people have to live. It is intimately connected with soil pollution. I have therefore to invite your immediate attention to the solution of this question with a view to abate the nuisance caused by the hand removal of night-soil. Pail carts were constructed and have already been tried and the result reported. In the report certain alterations were suggested in respect of the pail cart put on trial. The Corporation resolved that they would further await fresh trials, and at the same time suggested that endeavours might be made to bodily replace the receptacles in the pail cart instead of emptying the contents of the baskets into pails. This suggestion is not practicable as it is not possible to carry receptacles, which are not water tight, in the carts.

The question therefore resolves itself into :—

A. Whether a form of iron receptacle would be better than the basket receptacle.

B. Whether the pail in the pail cart cannot bodily replace the receptacles in the privies.

My opinion as regards A is that iron receptacles should be insisted on of a pattern to be decided by the Health Department, and these receptacles be emptied in the usual way by the basket Halalkhor where the pail cart does not come into use. With regard to B my opinion is that for reasons given to bodily replace the privy receptacle with water-tight iron or aluminium receptacle is for the present impracticable. I recommend that a pattern iron receptacle be made and house-owners informed that all privies must be supplied with it, and this can be done by contract or departmentally, the cost to be defrayed by the house-owners.

It is estimated that a pail cart with a bullock and 3 Halalkhors would do the same amount of work that is at present performed by 6 Halalkhors. The cost of working one pail cart is :—

Feed of one bullock, shoeing, &c.	...	Rs.	11-0
3 Halalkhors at Rs. 11-8	...	,,	34-8
		Rs.	45-8

The trial has proved very satisfactory and the result shows that the transport of night-soil by means of pail cart is an improvement on the present system of hand removal. The pails should be sufficiently large and should hold as much night-soil as is contained in one Halalkhor basket,

i.e., 43 lbs. It is calculated as stated above that each cart with 6 pails would do as much work as is now performed by 6 Halalkhors and at less expense to Municipality. Not only would the work be done cheaper but it would be done in a better and quicker way and with less nuisance than at present and there would be less chance of any nuisance being caused as at present by the soil overflowing into the gullies or being emptied into drains.

I would, however, again urge upon the Corporation the advisability of abolishing the system of hand removal altogether, and that whatever improvement the pail cart system would be considered to have over the hand removal it should only be considered as a temporary measure and the definite object in view should be the water-carriage system.

Overcrowding in Bombay.

During the year this very serious question was again prominent and many reports were made on the subject.

By overcrowding in the true sense of the word is meant that the number of persons and animals collected together in a certain space, room or area, workshop, factory, hospital, tent, hut, steamer, boat, &c., is so great that it vitiates the air, diminishes vitality and disease and death results. Overcrowding in rooms is gauged by the amount of fresh air required to render the air of the room occupied of sufficient purity to bring it to a certain standard. In cold and temperate climates fresh air can be admitted at a certain rate, and if anything like a draught is felt the air is immediately excluded and thus the air of the room becomes foul, due to the organic matters given off by lungs, skin, &c. That overcrowding exists in Bombay in a very serious extent can only be thoroughly appreciated by persons who have to constantly visit the dwellings of the poor, and if it be not controlled the most perfectly constructed rooms and chawls will very soon become as insanitary and overcrowded as the poorest huts. More accommodation is urgently required but still more urgent is the manner in which the accommodation should be given and treated. The standard laid down for guidance in erecting dwellings for the working people in England are not wholly applicable here, but that a standard is necessary is certain, and that standard in my opinion should always be high. To erect a large block of chawls of one pattern of rooms of 100 square feet and allow them to be occupied, irrespective of sex and age in addition to goats, fowls, &c., is not the way to diminish overcrowding or solve the housing problem. What is plain and will be admitted by all is that—

(1) Overcrowding exists to a very great extent in the City.

(2) That this overcrowding has been accentuated by the displacement of many people by the Improvement Trust in carrying out their schemes.

(3) That this displaced population has not yet been provided for.

(4) That this overcrowding tends to foster and cause the spread of Plague and other diseases.

(5) That there is an urgent want and demand for cheap dwellings for the poor.

(6) That these dwellings should not be erected in the thickly crowded parts of the City.

(7) That cheap dwellings should be provided by all employers of labor where possible near the work of the laborer.

Different people have different notions regarding the solution of the questions. What however is not thoroughly appreciated by the majority is—

(1) That the provision of house alone will not improve the public health or diminish overcrowding without more strict attention to sanction and the demolition of insanitary houses.

(2) That there is in addition to the Census population of 776,006 a temporary or floating population of over a million people coming into Bombay every year.

(4) That the provision of huge blocks of buildings without proper supervision will cause a density of population in small areas and the mortality varies according to the density of population.

(5) That large employers of labor owe to the City and to their employés a certain responsibility for the housing and care of their work people and until this responsibility is recognised and immediate steps taken to provide it the health of the City must suffer and with it its trade, commerce and prosperity.

Hospital Accommodation and Ambulances.

I have already brought to your notice the want of sufficient hospital accommodation in the City. I then stated that "To complete the scheme proposed by me the establishment of some more hospitals is necessary which, I trust, the Corporation will sanction later on." This was proposed by me two years ago and since then the necessity for more hospital accommodation has been becoming more urgent.

This year we have had one of the severest epidemics of small-pox and temporary wards had to be erected at Arthur Road Hospital and a small hospital had to be opened at Colaba.

The site of the old Modikhana Hospital was a most convenient one, but we have had to give up this owing to the Dock works of the Port Trust. After considerable difficulty we have been able to secure a plot at Victoria Bunder for a Plague Hospital and proposals and plans have been approved of by the Commissioner and in all probability the hospital will be ready in 4 months. A temporary hospital of about 20 beds for small-pox should be provided here, and this would meet all the requirements of the extreme south of the Island so far as the hospital accommodation is concerned.

In case of an outbreak a temporary hospital on suitable area should be erected in D Ward.

I would also propose that a temporary hospital be erected and used when required to meet the requirements of the extreme north of the Island. There is a piece of land on the south side of Mori Road at its junction with Dharavi Road. The Island in question appears to belong partly to the Municipality and partly to Government.

Though the number of small-pox patients removed by us this year has been very large, our difficulties at the same time have been very great and the staff have had to spend much time in persuading the people to remove each case and in some instances have had to resort to the unpleasant duty of prosecution. It might be possible to overcome this aversion on the part of the people either by encouraging community hospitals or by setting apart few wards in the Municipal hospitals separately for each community and by appointing some of the leading members of the community as a visiting committee who might assist us in the removal of the patients as well.

The hospitals should be of a more inviting character and the wards and surroundings be more comfortable and less overcrowded.

The temporary wards at the Arthur Road Hospitals which have had to be erected in a hurry are anything but what they should be, and the wards at the Maratha Hospital are also capable of much improvement and during the epidemic season are overcrowded.

I am strongly of opinion that the question of much better hospital accommodation for infectious diseases is of the greatest importance and if suitable hospitals are provided with arrangements to suit the different communities a great deal can be done in preventing the spread of the disease. This is purely a subject for the consideration of the Corporation as it means the health of the people and the sanitary improvement of the City. In every city in other countries such provision is made out of the rates and it is a duty which is insisted on by the Government and borne by the rate-payers.

The feeling that the accommodation, nursing, feeding and medical treatment is provided by the Corporation for the benefit of the people will be an inducement to them to accept and take advantage of it, and when they know that the supervision and control is vested in their representatives a feeling of security will be engendered which will go a great way to accomplish what we desire, namely, a suitable hospital, to which a person suffering from an infectious disease can resort, knowing that he will receive all the care and attention and that he contributes in a way to his own comfort and reduces the risk of his relatives from catching the infection. His relations and friends seeing that it is advantageous will gradually become familiar with the idea and thus help to reduce the mortality and sickness of the City.

As regards ambulances, the hand ambulances for the removal of plague patients are placed at the hospitals and the District Registrars' Offices, and horse vans are placed at the following places:—

Palton Road.
Null Bazar.
Foras Road.
Sankli Tank Bullock Hospital.
Dader Stable.

There are 13 vans of which 2 or 3 have now become old and they will have to be replaced.

There are 36 hand ambulances and I have already submitted my proposals to get them rubber-tyred and this will certainly add to the comfort of the patients. To meet the present requirements the number of vans should be increased. This will necessitate the purchase of horses and sufficient stable accommodation in the different centres of the City and the employment of the staff. It is most desirable that for the convenience of the people the vans and ambulances should be kept at easy distance and properly distributed. Our difficulty in doing this is want of sites in different wards. The Corporation should purchase land in different places and the Executive Engineer may be asked to select some sites in consultation with me.

What in my opinion is necessary for the proper control of the infectious diseases in Bombay is—

1. That Arthur Road Hospital be reserved for small-pox and that accommodation for 100 more patients be provided, so that each patient should have sufficient cubic space and floor space. That proper Nurses' quarters and quarters for Resident Physician and staff be provided.

2. A small hospital for small-pox of 20 beds be provided at Colaba or somewhere in A Ward.

3. That a hospital for Europeans suffering from small-pox be provided at a suitable place other than the existing site, namely, in the compound of the General Hospital.

4. That the land adjoining the Maratha Hospital, which was formerly used for Hospital purposes owned by Sir D. M. Petit and Mr. Bomanji Petit, be acquired by the Municipality.

That the existing buildings there be used for plague and that other wards be erected at a suitable distance for observation and other infectious diseases for Europeans, Parsees, Hindoos and Mahomedans and others.

The wards and buildings should be made attractive and comfortable, and the furniture and appliances of the modern description, and the gardens made attractive. At the Arthur Road and Maratha Hospitals there should be a Resident Physician and matrons permanently, and the nursing and other staff appointed as required. The site to be surrounded with a wall or fence of 7 feet high. That a Hospital Committee of members of the Corporation and others be appointed to consider the question and to form a Visiting Committee to meet at fixed periods and visit the Hospital.

Protection of Bombay from infected towns, villages, &c.

Bombay is the greatest business centre in India. People from all parts of the world who are connected with and interested in its commercial prosperity flock here in number. The mortality at times reaches an appalling figure when these people come from places where epidemics of one type or another are prevailing. The question that Bombay needs protection from such places in the shape of having some control over the incoming passengers by land and sea has often times been discussed, and I cannot do it better here than quote what I wrote in my letter No. P.-1988 of 22nd August 1904.

"The question of exercising some sort of supervision and control over the arrival of pilgrims and other people from the infected places into the City of Bombay is of very great importance. I have already pointed out that in other cities this indifference and callousness to the sudden rise in the population of a specified locality by the arrival of a large number of people from infected localities would not be tolerated without previous intimation to the sanitary authorities and the necessary arrangements being made for the protection of the rest of the inhabitants."

What the Health Department need in the matter of the pilgrims and other people coming to Bombay from infected places may be summarised thus :—

1. That the names of those who arrive here from infected localities and their addresses in Bombay may be furnished to us.

2. Any person suffering from plague, cholera or small-pox, arriving in Bombay should under any circumstances go to hospital.

3. All the relatives and friends travelling in contact with the patients should go to the camps for 10 days provided for by the Municipality or remain under observation in their houses.

I am of opinion that Nos. 2 and 3 should be made obligatory. If it is known to the people that these will under any circumstances be enforced then they will be deterred to some extent from undertaking the risk of travelling with the patient. This will benefit them as well as the people in Bombay.

As regards the pilgrims it is always better to provide accommodation for them outside the City limits as they come in large numbers. The foregoing requirements mentioned in Nos. 2 and 3 should be made applicable to them also. When they return to Bombay *via* sea and if they bring with them any case of small-pox all the persons on board that steamer excepting the suffering case and contacts which will be removed to hospital and camp should be removed to the place of accommodation provided for them outside the City limits. No passenger from amongst these should be allowed to go about the City unless he gives satisfactory proof of his having been vaccinated. If they come by rail all persons in the same compartment should be made to show satisfactory proof of their having been vaccinated before they can be allowed to go about the town.

I do not think that these suggestions of mine will entail any great hardships on the arrival in Bombay, and I trust that the Commissioner will submit them for the consideration of Government.

None of my proposals entail any hardships on the people travelling by rail. There is no inspection of Railway passengers, there need be no delay in traffic. The healthy are protected while the sick are treated with all considerations and receive the best treatment that a modern hospital can provide. The routine would be that when a city or town is infected with plague, cholera and small-pox the passengers leaving the city must be provided with a form in which his name, sex, destination and address are plainly written in English or Vernacular, which must be given up at the destination to the Railway Authorities who will hand it over to the Sanitary Authorities.

Rat killing by rat poison.

Wholesale destruction of rats has been the characteristic policy in the history of all t measures which were organized in combating Plague in Bombay as well as in the distri The majority of the observers go so far as to say that Plague is primarily an epizootic disease rats, secondarily an epidemic in human beings. The rats are believed to be the carriers of fection from place to place, but as to how the disease is conveyed from rat to man still forms subject of discussion. It is however admitted that rats play an important part in spreadi Plague. There is an enormous amount of literature on the subject and the consensus of opin is that the presence of the rat is a danger to the human race and they ought to be destroy Every city in the world now takes special measures both for the extermination of rats precautions against their importation by ships, and I am of opinion that most strenu efforts should be made to exterminate the rat race in Bombay and prevent the importati Many efforts have been made in Bombay since the outbreak of Plague to kill rats and I g below an extract of my report on the subject in February 1902 :—

"(*a*) A special microbe, the virus Danyz, was tried in the early days of Plague the hope of its inoculating rats and causing their death and I have m further experiments with it but it was not successful.

(*b*) Rats have mainly been destroyed by laying down poison (rough on rats), t in gullies and places where grain is stored.

(*c*) Placing pills of phosphorus coated with wheat flour near the mouth of dra and gullies.

(*d*) Rat-catchers were formerly employed for the destruction of rats and were p a fixed salary. They caught the rats alive which were subsequently killed burnt. As the rat-catchers were not very industrious their services w dispensed with and the begaries of the Health Department were induced help in the work of destroying rats by being offered a reward of ½ anna each rat brought by them to the stables."

No systematic assistance of any value has been given by private individuals beyo complaining of the presence of rats in their houses. Some low-caste Hindus, such as Mahar Mangs, Bhungis co-operated in the measure of destroying rats inasmuch as each rat broug them ½ anna. The total cost incurred in 1900-1901 was Rs. 18,880-4-0, the approxim number of rats destroyed from 1897 to 31st January 1902 is 797,386. Details of cost previ to 1900 are not available.

The rat-catchers that were employed being not very industrious their services were d pensed with. The destruction of rats in A ward was not practically discontinued but the boga objected to the order that dried up and decomposed carcasses of rats would not be numb and gradually ceased from bringing rats to be counted.

In July 1903, we received a letter from Government asking us to arrange for experi with the commonsense rat-exterminator recommended by the Minister of Agriculture, Ont A sample of this was obtained and tried in Bombay. Owing to the method of preparation distribution the result was not very successful, and I reported that the poison did appear to be better than any other method. Mr. R. M. Prittie, proprietor of the extermin was in Bombay for some months, and I personally supervised his operations, and with the of the Health Department staff treated several areas.

	No. of baits laid down.	No. of baits taken away by rats.	No. of baits recovered.	No. of dead rats picked up.
1. Ralli Brothers' Godown	2,540	1,370	1,170	226
2. Kamathipura	2,648	2,294	354	145
3. Mandvi	2,825	2,138	687	199

Houses for the poor in the form of semi-permanent accommodation of 1,000 rooms.

I have on several occasions brought to the notice of Corporation the urgent necessity houses for the poor people in order to relieve the congested parts of the City. Year by y our situation in this matter is becoming worse. Fortunately we have had a mild epide this year, but it cannot be said with confidence that the same conditions will prevail next y with our diminishing area for camps.

During the early days of Plague, some thousands of rupees were spent every year on camps. If from the very beginning the existence of overcrowding in the City had been recognized by the authorities, and had they year by year set apart a sum of money for providing permanent or semi-permanent quarters in addition to temporary camps, we would have had a fairly large number of rooms by this time to accommodate some thousands of people. I would venture to request the Corporation that the Government and the Improvement Trust be approached with a view to their sharing the responsibility in this question.

ny mind it appears all the three bodies are concerned in the matter of providing suitable ings for the poor people in the City. It will be some time before the philanthropic nes are actually put into operation. Irrespective of this a certain amount of responsibility devolve on the Corporation, the Government and the Trust, and if any measures are to be I think the public are justified in looking to these bodies to take the initiative. It might ed that the Trust are doing something in this direction and are not bound to co-operate They have built chawls at Agripada and temporary structures on the Kennedy ce at Charni Road.

Government contribute every year some thousands towards Plague camps. Out of this a portion should be set apart and Corporation contribute an equal sum, and 1,000 semi- anent huts to last for 4 or 5 years put up early in November next year as a trial, and the kinder be spent on temporary camps as usual. The occupants be charged rent on the basis he expenditure. Of course the ground rent and the interest on the amount should not be ulated in charging rent, in consideration of the fact that the people are poor. If this ves successful, next year we might put up 5,000 huts; at this rate we might go on until have, say, 10,000 rooms, and by the time we reach this number, we might fairly expect many ate chawls and Trust buildings, &c., to be erected in the City, so the necessity for the nicipality to find accommodation for these people might eventually disappear. The assist- e of the City Trust and Port Trust and Government must be secured in the matter of iding suitable sites for quarters. This Department cannot undertake to do this. The land t the property of the Municipality, and sites selected by us do not meet with the approval e Trusts and much delay is caused.

It will appear from the Administration Reports that the Government contribution of 89,000 in 1899-1900 has fallen off to Rs. 17,700 in 1902-03, and the figures for this are still less than the last year. In addition to these charges and in former years, Govern- t had to spend not less than Rs. 75,000 to Rs. 80,000 per annum to defray the pay of military cers and lady nurses. The Municipal expenditure on Plague in 1899-1900 was Rs. 8,64,000, reas in 1902-03 it was only Rs. 2,31,000, and it is still less in this year.

It is therefore apparent that the taking over of the Plague operations by the Health partment has curtailed the expenditure of Government and the Municipality to a very large ent, but I am constrained to say that we are denied the same facilities as in the past. Instead ssisting us all the more we are hampered in our work by many obstacles put forward ur ways by the different bodies. My proposal does involve expenditure of about a lac of es a year, and by charging a nominal rent of Rs. 1 or 2 the amount is secured some definite good is done. This is not much compared with the large sums spent in the os years on various measures which have now been done away with.

The several independently constituted bodies, the Port Trust, the Improvement Trust, the ay, the Government and the Municipality all go to make up the City as a whole. The con- f matters concerning the public health is vested in the Health Officer, who is considered nsible for any influences affecting it. He is not only expected to advise but to carry out, vise and control any work relating to the health condition of the City.

My point is we have found that the only real palliative with regard to the spread of e is to place the people under better surroundings during the epidemic periods and to vise them while living in them, to investigate every Plague case which occurs, and to take measures are allowed to prevent the sick and the healthy mixing together, to disinfect the s and clothes, to provide medical aid, to remove as quickly as possible all filth and to try each the people the value of attention to cleanliness and healthier surroundings. Working ese lines I have constantly asked for facilities for extending our operations by the erection of huts and the early evacuation of Plague-infected and insanitary houses. I have pointed the most insanitary areas and asked that provision be made for the inhabitants while the are re-modelled. Apart from Plague, this is only a just and necessary demand on the part Health Officer. The Port Trust not only ask us to vacate our camps and hospital, but do ffer any assistance in the way of other accommodation, or in the way of obtaining it. The Trust land hitherto available for the requirements of the City has to be given up as eased Dock accommodation, owing to commercial prosperity, is considered necessary. It ld be remembered that the demand for an improved sanitary condition of the City created Improvement Trust. All the available land is now under the control of that body which was ght into existence to abolish the slums, open up the narrow alleys, widen the streets and lace the displaced population and extend and develop the City.

What I ask for is that the Port Trust and the Improvement Trust should recognise that Health Department has to do its best under many difficulties to try and improve the sani- ondition of the City, of which these bodies form a part, and that they are created with a view e general prosperity of the City itself and that by assisting in removing insanitary conditions, will be directly furthering their own objects and the work of all concerned would be much er and of great advantage to the City.

Plague and want of camping area.

The 2nd rise in Plague began in January, but the incidence of the disease was slig
than in previous years and slower in its rise. It reached its highest point on 1st April, *i.e.*,
day later than in the preceding year. The cold weather was noticeably colder and
prolonged, but the mortality did not ever reach 300 per day. As the prevalence of Plague
milder in January, the people did not go out as usual into the camps so early. Of all
measures that are organized for combatting Plague epidemic, evacuation of the infected
soon as the epidemic symptoms are notified is the only measure the people voluntarily res
They have a full faith in the protective efficacy of the measure, inasmuch as it confers pr
immunity from the disease. But here we are confronted with difficulties in having our
curtailed for camping purposes. I have repeatedly gone fully into the difficulties.
speaking of the prospects for the cold weather, I said : "It cannot be said with certainty that
same favourable conditions will prevail with our diminishing area for camps. Nothing sh
of the removal of the population from the infected and crowded parts of the City will help
to meet the next epidemic with any confidence. Unfortunately our facilities have not b
increased and my foreboding has been fully realised. More difficulty was experienced by us
securing land on the Kennedy Sea Face for the private camps and on the Port Trust Estate
Municipal Camps. An extra camp was provided on the Chowpaty Estate for the po
Goanese. With regard to continuance of Plague, it should be remembered that nothing is mo
convincing than to watch the yearly occurrence of Plague in houses and localities in whi
it had formerly occurred, and nothing is more striking than the subsidence of the disea
amongst the evacuated. At such a time if there be a large area for camping purposes at o
disposal, the infected areas would at once be evacuated, and the people therein provided wi
bamboo and mat houses in open and fresh air. Such a measure would at once enable us to contr
the spread of the disease and reduce the mortality. The possession of a camping area is
urgent necessity which cannot be neglected, because we have had a comparatively mil
epidemic ; we cannot afford to neglect any measure which we know is of public benefit. If t
measures we have been adopting have had any part in the reduction of mortality of the diseas
it is because they are in the direction of improved sanitation, but they must be assiste
by structural improvements, the opening up of crowded localities and the provision
accommodation and investigation into the cause of the disease. In addition to the want of th
space for providing camps, our difficulty was increased by the demolition of houses and want o
accommodation for those displaced, to which I shall refer later on. The limited extent of our
camping area has been much reduced, as the Port Trust Estate was not available for camps o
for the Modikhana Hospital."

Inoculation.

When the Bombay Sanitary Association thought of organizing an Health Section at th
Industrial and Agricultural Exhibition in Bombay, I suggested that the Director of the Plag
Research Laboratory should take this opportunity of laying before the public the new facts regar
ing the preparation and use of the Plague Prophylactic, so that the confidence of the people shal
by the Mulkowal disaster should be restored. With those objects in view I approached Gove
ment on the question and permission was given to Colonel Bannerman to give demonstrati
on the preparation and use of the prophylactic. The Government of India in granting th
permission emphasised the necessity of diffusing amongst the people the advantages of inoculati

The lectures and demonstrations of Colonel Bannerman at the Health Section w
attended by a large number of persons, and the lecture was printed and circulated in Bombay.

The officers of the Plague Research Laboratory are perfectly satisfied and have satisfi
Government that the fluid now prepared is absolutely sterile and that it confers a greater i
munity than previously, and that the inoculation is harmless, and that the operation properly do
cannot cause any ill effects. The figures given by Colonel Bannerman show that the immuni
against Plague can be conferred and that even if a person is incubating from the disease, t
case will run a milder course.

Experiments on animals in the laboratory conclusively prove that immunity can
conferred against the living plague bacillus. In June last year my opinion was asked as
whether inoculation should not be pressed in Bombay and my answer was as follows :—

"That before inoculation can be pressed on the public in Bombay, a Commission shoul
be appointed to enquire into the method of preparation, the physiological action and th
means taken for protecting the fluid from contamination and its standardisation, and that th
people should be taken into the confidence of Government and all this explained to them. The
lectures at the Health Exhibition fulfilled these requirements and the experiments I have
mentioned supplied further facts. It is now the duty of Government to come forward, giving
their reasons in detail and speaking in no uncertain voice."

A Health Officer has to take advantage of all means in his power to check or prevent
the spread of disease, and it is his duty to investigate into every method at his command with
a view to advising the public as to its value, and to weigh carefully all the evidence brough
forward in favour of such measure, and every facility should be given him to form a sound opinio
before taking the responsibility of such important question.

No one who has any knowledge of the bacteriology of infectious diseases and the relations bacteria and their toxins to immunity can deny the theory put forward that immunity from pecial disease is conferred on animal and man by the introduction into the system of certain uated quantities of toxins of the specific organism concerned.

The only step which was missing is what amount of fluid is required to immunise a n being and how long that immunity lasts. This, however, need not deter him from con- ng the value of the prophylactic with an open mind nor prevent him accepting the of the later experiments in the Parel Laboratory.

Our position now is—

Those who are in the best position to judge are absolutely positive—

1. That the fluid now prepared is sterile.
2. That it is harmless to healthy men.
3. That it is a protection against Plague.

Government of India and Bombay are fully satisfied that these three postulations are ect.

Government, I presume, accept the figures quoted in the inoculation reports. Person- do not base my opinion entirely on this but prefer to accept the experimental data. But in to put before the public something tangible, I quote the latest figures of inoculation. The ate of Plague amongst the population of Bombay for the past 8 years shows 23·2 per 1,000 e population and the mortality 19·5 per 1,000 of the population, *i.e.*, to say that out of every persons in Bombay, 23 were attacked with Plague, and 19 of every 1,000 of the population f Plague. Taking the population at 800,000, 18,634 were attacked and 15,643 died annually. it is estimated that the death-rate amongst the inoculated is ·44 per cent. of the population, ile amongst the Bombay population it is 1·9 per cent. Therefore had the whole population Bombay been inoculated only 3,520 would have died every year instead of 15,000, or 9,000 s would have been saved annually, or 72,000 in 8 years. In Bombay during the past 8 years, case-rate or the number of persons attacked is 25 per 1,000 and the mortality rate is 85 per of those attacked. The latest inoculation figures give the case-rate amongst the inoculated per 1,000 and the mortality as 23 per cent. of those attacked.

From my personal knowledge of the people, I am sure that unless some great induce- e offered to them to accept inoculation very little can be done.

There are several ways of doing this—

(1) By making the inoculation compulsory.

(2) By inducing Millowners and large employers of labour to insist on all employés being inoculated.

(3) By insuring the lives of all those who are inoculated and obtaining the co-operation of all influential persons and employers of labour to assist in this.

No. 1, in my opinion, is out of the question.

No. 2 is possible if adopted, though difficult at first.

No. 3 is, I think, the solution of the difficulty.

Before any of the measures are adopted, a definite and decisive notification must be made overnment to the effect that the Government is absolutely certain that inoculation is a ire which will protect the people.

Influential persons must be approached by Government to assist in carrying it out, ng short of a clear and direct pronouncement I have indicated will avail.

Assuming that Government do this and offer an inducement to ensure the lives of all inoculated who wish to be insured, and promise to pay Rs. 100 to the nearest relations of ulated persons who die of Plague within one year of inoculation, I believe the people will forward. Thus, if 5 lacs of persons in Bombay are inoculated, then on the figures e latest inoculation report 2,000 will die of plague instead of 9,500, or 7,500 lives will be at a cost of Rs. 2 lacs.

How this insurance can be best effected is a matter for consideration, but it has been pointed out to me by the poor people that they would be willing to be inoculated if Government will guarantee the compensation if they die of Plague after inoculation. It being the opinion of Government that inoculation does protect there should be no difficulty in supporting this opinion to the extent mentioned. The population once become immune Plague would disappear.

Recognition of the good work done by the staff.

I cannot conclude this report without paying a tribute to the valuable assistance given me by the Divisional Health Officers, the Special Assistant Health Officer, District Registrars and other staff of the Health Department, both out-door and in-door, without which the increasing work of this enormous Department with its various and responsible duties could not be carried out. The abolition of one of the 4 Divisions, although it has effected a saving to the Municipality, has entailed a heavy work on the in-door and out-door staff of the remaining 3 Divisions. But the Divisional Health Officers have strenuously endeavored to cope with the increased demand of the prosperous and growing City. The District Registrars and Sub-Registrars have performed their duties with courtesy and sympathy in carrying out measures for the control of Plague and other infectious diseases, the work of Registration of Births and Deaths and in giving medical relief. The work of the nurses or female visitors, although in its infancy in Bombay, shows undoubtedly that their services to the poor suffering women have been appreciated. The work of the Chief Inspectors of Conservancy Branch, Sanitary and Drain Inspectors, with their staff, has been carried out with method and system, with results that have been appreciated by the public. It is impossible for me to say how much I appreciate the way in which the enormous amount of clerical work has been carried out by all in-door staff of the Health Department, and although much extra work has been put on them, it has been done cheerfully and well.

Since 1896 the work in the Registration Branch has been very severe. In 1895 there were 25,081 deaths. Since the prevalence of Plague they have been keeping tabulation of 55,550 deaths on an average every year, *i.e.*, more than double the number in a normal year. Besides they have to work out calculations based on vital statistics and frame out intricate and important statements of vital statistics for several Government Offices and for my quarterly and annual reports for the Corporation. When the permanent staff of the Health Department is fixed next year I propose to recommend that the salary of the Head Clerk, and some other clerks of Registration Department, be put on a higher scale.

J. A. TURNER, M.B., D.PH.,
Executive Health Officer.

19*th June* 1905.

ANNUAL REPORT OF THE MODIKHANA HOSPITAL FOR THE YEAR 1904.

This hospital, which was built by the Plague Committee in the year 1898, was closed on the 31st of June 1904, on account of the site being required for the extension of the Docks.

In the short period under report, from the beginning of the year to the end of June, it is with deep regret that I have to report the death from Plague on the 12th of April of Miss Winscom, one of the lady nurses working at this hospital. Miss Winscom was one of the first to volunteer her services when Plague first broke out in the City, and her sad death on the eve of her departure to England for a well-earned holiday was keenly felt by all who knew and appreciated her hard work and devotion to nursing.

The staff employed was practically the same as in the previous years and worked well and in a very satisfactory manner. When the hospital was closed, the services of Miss Doutre were transferred to the Maratha Hospital. The work of finally checking every article in the Hospital and sending the same, as well as the various stores, records, &c., to the Parel Store Office, devolved upon Mr. Shanker Waman, the hospital clerk, who did it methodically and in a highly satisfactory manner.

Arrangements were also made to transfer the Parsee Ward to the Maratha Hospital.

The accompanying tables give all the particulars of the cases treated in the hospital during the period under report.

TABLE No. I.

SHOWING THE TOTAL ADMISSIONS AND PERCENTAGE OF MORTALITY.

Diseases.	Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
Plague	526	389	137	73·9
Observation	98	3	95	3·06
Total ...	* 624	392	232	.....

* This figure includes 10 cases of plague and 5 cases of observations under treatment on the 31st of December 1903.

TABLE No. II.

SHOWING THE NUMBER OF ADMISSIONS ACCORDING TO MONTHS.

1904.	Admissions.	Deaths.	Recoveries.	Percentage of Mortality.
January	99	47	40	47·04
February	178	94	42	52·8
March	167	134	34	80·2
April	128	86	60	66·6
May	50	29	39	58·0
June	2	2	17	100·0
Total...	624	392	232	.....

TABLE No. III.

SHOWING THE SITUATION OF BUBOES AND SEXES.

Situation of Buboes.	Number of Cases.	Males.	Females.	Children.	Mortality.	Recoveries.	Percentage of Mortality.
Cervical...	42	40	2	0	38	4	90·4
Parotid	37	30	5	2	35	2	94·7
R. Axillary	7	2	3	2	5	2	71·4
L. do.	89	83	4	2	70	19	78·6
R. Femoral	80	62	11	7	54	26	67·5
L. do.	83	70	6	7	50	33	60·2
R. Inguinal	26	20	2	4	20	6	76·9
L. do.	92	80	7	5	70	22	76·08
Other situations...	10	7	2	1	6	4	60·0
No buboes	20	14	6	0	16	4	80·0
Multiple buboes...	40	34	4	2	25	15	62·5
Total ...	526	442	52	32	389	137	.....

The highest number of admissions was 13 on the 8th March and also on the 3rd of April.

The highest death-rate was 11 on the 3rd of March.

During the period under report experiments were conducted at the hospital by Dr. W... of the Parel Research Laboratory with Brazil's and also with Roux's Serum.

The results of the trials were as follows :—

Brazil's Serum.

	No. of Cases.	Deaths.	Recoveri...
Serum	20	17	3
Control	20	15	5

Roux's Serum.

	No. of Cases.	Deaths.	Recoveri...
Serum	7	7	*Nil.*
Control	7	5	2

In both the series Dr. West took alternate cases, all convalescent and moribund patien... being excluded. The results cannot be considered to be conclusive as only a few cases were take... When the number of admissions into the hospital commenced to fall off the experim... with Roux's Serum were transferred by Dr. West to the Maratha Hospital and continued th...

[redacted]ppendix A.

Cases Treated with Brazil's Serum.

Serial No.	Register No.	Name.	Caste.	Age. Years.	Sex.	Date of Admission.	Bubo.	Total Serum injected.	Result. Death.	Result. Recovery.
1	131	Shanker Chandria...	Hindoo ...	20	Male	10th Feb. 1904.	Rt. Inguinal...	80 c. c.	11th Feb. 1904.	
2	145	Dhondee Hari	„ ...	28	Female ...	14th „ „	Lt. Femoral. Lt. Inguinal.	40 c. c.	15th „ „	
3	153	Krishna Powar	„ ...	27	Male	15th „ „	Lt. Axilla ...	240 c. c.	18th „ „	
4	157	Narayan	„ ...	14	„	„ „ „	Lt. Cervical ...	420 c. c.	22nd „ „	
5	165	Jamnabai Vithoba	„ ...	45	Female ...	17th „ „	Rt. Axilla ...	40 c. c.	17th „ „	
6	174	Sk. Hussein Baba	Mahommedan..	40	Male	„ „ „	„ „ „ ...	120 c. c.	.....	21st March 1904.
7	178	C. Fernandez	Christian ...	40	„	19th „ „	Lt. Femoral. Lt. Inguinal.	160 c. c.	21st Feb. 1904.	
8	186	A. M. Menezes	„ ...	20	„	20th „ „	Rt. Femoral. Rt. Inguinal.	60 c. c.	24th „ „	
9	188	G. M. Carrasto	„ ...	30	„	„ „ „	Lt. Femoral ...	80 c. c.	„ „ „	
10	215	Purshottam Mangal	Hindoo ...	25	„	24th „ „	Rt. Femoral Rt. Inguinal	200 c. c.	26th „ „	
11	217	Gowria Bhika	„ ...	18	„	„ „ „	Rt. Iliac ...	600 c. c.	15th Mar. „	
12	249	Doonga Fua	„ ...	42	„	25th „ „	Lt. Femoral ...	340 c. c.	1st „ „	
13	230	Lalu Kuvar	„ ...	26	„	27th „ „	„ „ ...	140 c. c.	29th Feb. „	
14	240	Paskin Fernandez...	Christian ...	14	Female ...	„ „ „	Lt. Axilla... Rt. Inguinal. Lt. Inguinal.	360 c. c.	.....	15th May 1904.
15	269	Sayyed Hussain	Mahommedan .	32	Male	2nd March „	Rt. Inguinal. Lt. Inguinal.	40 c. c.	3rd Mar. 1904.	
16	268	T. A. Correia	Christian ...	60	„	„ „ „	Rt. Femoral. Rt. Inguinal.	140 c. c.	4th „ „	
17	272	Jerbandhan Sophal	Hindoo ...	24	„	„ „ „	Rt. Axilla ...	340 c. c.	.....	28th March 1904.
18	276	F. X. Sequeira	Christian ...	20	„	3rd „ „	Rt. Femoral ...	280 c. c.	7th Mar. 1904.	
19	284	Augustino Rodrigues	„ ...	22	„	5th „ „	Rt. Parotid ...	280 c. c.	19th „ „	
20	289	Rangya Bhima	Hindoo ...	20	„	6th „ „	Lt. Axilla ...	80 c. c.	7th „ „	

D. A. TURKHUD,
C. M. O., Modikhana Hospital.

Appendix B.

Cases Treated with Roux's Serum.

Serial No.	Register No.	Name.	Caste.	Age. Yr.	Sex.	Date of Admission.	Bubo.	Total Serum injected.	Death.	Recovery.
1	503	Sivi Abhu	Hindoo	20	Female.	1904, 14th April.	Rt. Femoral.	200 c.c.	1904. 15th April.	
2	515	Surta Lalloo	„	18	Male.	16th „	„	300 c.c.	20th „	
3	522	Dawki Idhu	„	30	Female.	18th „	Lt. Inguinal.	200 c.c.	19th „	
4	524	Vithi Rama	„	20	„	„ „	Lt. Axilla.	450 c.c.	22nd „	
5	526	Unknown	Mahommedan.	35	Male.	19th „	Lt. Femoral.	100 c.c.	19th „	
6	529	Daji Devji	Hindoo	30	„	22nd „	Lt. Axilla.	130 c.c.	23rd „	
7	531	Govind Mahadu	„	25	„	„ „	Rt. Femoral.	70 c.c.	22nd „	

D. A. TURKHUD,
C. M. O., Modikhana Hospital.

REPORT OF THE MARATHA PLAGUE HOSPITAL FOR THE YEAR 1904.

The present report deals with the calendar year 1904.

During my absence on sick leave from May to October, Dr. D. A. Turkhad performed the duties of the Chief Medical Officer.

I.—Grounds and Buildings.

2. Sirdar Mir Abdul Ali completed during the year the permanent quarters for two nurses presented by Lukhmidas Morarji, Esq., J.P., also two blocks of servants' quarters, the cost of which was defrayed by Rao Bahadur Dhondiba Hanmantrao Barde and Ramji Ghamaji Tukhare, Esq.

3. Two additional wards to accommodate 60 patients were also put up under the supervision of the Sirdar, the materials of the old Modikhana Hospital having been utilised for the purpose. The total accommodation of the institution was thus augmented to 200 beds.

4. As the Modikhana Hospital was removed and the Maratha Hospital remained the only plague hospital, further extension was contemplated, and with that view negotiations were opened with Mr. Bomanjee Dinshaw Petit, who owns a piece of land about 8,000 square yards in extent adjoining the hospital. These have resulted in renting the same from Mr. Petit at a monthly rental of Rs. 100. The question of putting up permanent buildings over it has, however, remained in abeyance pending the settlement of the question of the Municipality taking over the Maratha Hospital as a permanent institution, as also, in the latter contingency, of acquiring the land from Mr. Petit either by purchase or by way of free gift to the Municipality.

5. The Modikhana Hospital having been dismantled, the patients were transferred to this hospital and provision for treating Parsi patients was also made, a separate ward having been provided for them. From June to December 10 Parsi patients suffering from plague were admitted.

II.—Nursing.

6. The nursing was conducted by locally trained nurses; the number was augmented to 6 during the epidemic season.

III.—General Statistics.

7. The total number of admissions was 1,267 as against 1,493 during the previous year.

8. The admissions from Plague numbered 1,080 only as compared with 1,371 during 1903. 187 patients were admitted under observation, 62 of whom were found to be suffering from Relapsing Fever and transferred to the Arthur Road Hospital; the number of observation cases was about 50 per cent. in excess of the previous year.

9. Of the 125 observation cases that were treated, 35 died and 90 recovered, the rate of mortality being 28·00 per cent.

10. Of the 1,080 Plague admissions, 797 died and 283 recovered, the percentage of mortality being 73·79 which was about 3 per cent. lower than the previous year and the lowest ever recorded at the Maratha Hospital. Of every 100 deaths from Plague, 58 occurred within 48 hours of admission, the ratio was therefore about 4 per cent. lower than the average of the previous five years.

IV.—The Eighth Epidemic of Plague.

11. The eighth epidemic ran its usual course, beginning with the cold weather and ending as usual before the break of the monsoon. A critical study of the eight epidemics that have visited this City reveals a curious alternation of severity as well as mortality. One heavy epidemic was followed by a comparatively light one, and not only was the incidence of attacks less, but the ratio of case-mortality fluctuated in accord therewith. For instance, the case-mortality rate during 1901 was 89·19 per cent., during 1902 it was 84·15 per cent., *i.e.*, less by about 5 per cent. During 1903 it was again 89 per cent. and during 1904 87·40 per cent.

12. The Hospital statistics of the epidemic of 1904 indicate a variation from the usual course of Plague. March and April admissions hitherto had the heaviest mortality; January and February being comparatively lighter; but during the year under report this was reversed, the mortality during January and February being about 9·15 per cent. higher than during March and April. No variation in the type of Plague was noticeable and the bubonic, the septicæmic, the pneumonic and the cellulo-cutaneous types with their attendant complications prevailed to the same extent and in the same proportion as during the last two epidemics. For the above reasons the usual detailed tabulation has been omitted from the present report.

13. The Racial Statistics indicate that the number of Hindu admissions preponderated as usual, followed by the Mahomedans a long way behind, and then by other communities.

The following table shows the admissions and deaths and the mortality-ratio amongst them :—

Race.	Admitted.	Died.	Recovered.	Percentage of Mortality.
Hindus	833	638	195	76·59
Mahomedans	156	104	52	66·66
Native Christians...	78	50	28	64·10
Parsees	9	2	7	22·22
Israels	4	3	1	75·00
Total ...	1,080	797	283	73·79

The ratio of case-mortality was highest amongst the Hindus and less by nearly 10 per cent. amongst the Mahomedans, and by 12 per cent. amongst the Native Christians. The number of Parsees and Israels was too small to admit of comparison.

V.—The Pathology of Plague.

14. Subsequent to my special report dealing with the serum treatment, as well as with the pathological and bacteriology of Plague during 1901, some new views on the nature of the disease have been propounded by Dr. William Hunter of Honkong. As they appear to be scarcely in consonance with the clinical experience and observations made at Bombay during the course of the last 9 years, a brief critical examination of the same would not be out of place here, tending as it would, to clear and define from the local point of view, the nature of the affection as contrasted with Dr. Hunter's observations and conclusions.

15. Dr. Hunter says that gastro-intestinal derangements generally precede the fever and the bubo, and that vomitting, diarrhœa and colic point to the alimentary canal as the most likely channel by which the plague bacillus gains an entrance to the human body, and that post-mortem evidence seems to corroborate the same. At Bombay, however, the most minute and searching investigation amongst the hospital patients, amongst ordinary private cases and even amongst educated and intelligent patients from all classes has failed to elicit any corroboration as to the prevalence of the symptoms above described previous to the onset of the fever and the development of the bubo. Some of those afflicted with Plague were medical men, including the present writer, and all unanimously confirm the entire absence of any such premonitory or initial symptoms indicating a primary invasion of the alimentary channel. Vomitting is but a common symptom in most acute infectious and other diseases as well, and its not infrequent presence in Plague cannot be held of any special significance. Colic has never been noticed in Plague, and diarrhœa has been found to be an extremely rare complication, except perhaps when it precedes death by a few hours. No case of primary Plague affecting the gastro-intestinal tract alone and confined to it has been observed during life or discovered at any autopsy. And the post-mortem evidence which Dr. Hunter adduces in support of his contentions is not solely confined to the alimentary tract, but the liver, the spleen, and the kidneys as well show secondary degenerative and even necrotic changes similar to those found in other acute infections. Petechæal hæmorrhages, enlarged and swollen, though not necessarily plague-infected, mesenteric glands have been noticed, and so also hæmorrhages in the substance of the spleen, kidneys and in the stomach. These changes have not been observed when the patients have died early, *i.e.*, on the first or second day of illness, but after secondary septicæmia has set in as will be shown hereafter and as the result of the general infection of the system.

16. Dr. Hunter states that Plague is primarily a septicæmic disease, and that the variety of type by which the septic state is accompanied, whether bubonic, pneumonic or purely septicæmic, is of insignificant importance. Here again our experience differs widely from that of Hongkong. Dr. Hunter does not appear to be sufficiently explicit as to how the Plague, according to him, a primarily gastro-intestinal infection from the invasion of the alimentary canal, becomes also a primarily septicæmic disease. By septicæmia as the term is ordinarily understood we mean direct blood infection, and if Plague is a septicæmic disease as stated, how comes it that the invasion of the system occurs through the gastro-intestinal tract? Is Plague primarily a septicæmic diseases? Systematic examination of the blood of over 1,600 patients, on the day of admission (generally the third, fourth or fifth day illness), showed that in only 43 per cent. of cases there existed septicæmia. By far the larger number of observations was made by Dr. A. Mayr at the Maratha Hospital and some by Captain Greig, I.M.S. As no reliance could be placed on mere microscopical evidence, the culture test was employed, and in over 1,300 cases two or three drops of blood from the peripheral circulation were inoculated on to agar tubes and the growth subsequently examined and verified. Greig, dealing with a larger quantity of blood (from 1 to 2 c.c.) and inoculating the same into a fluid culture medium, obtained evidence that about 60 per cent. of the patients were septicæmic on admission. And it is indeed a striking and confirmatory fact that out of every 100 deaths

in our Municipal Hospitals, from 60 to 64 occur within 48 hours of admission, that is, practically all the cases found to be septicæmic on admission succumb within that period. It is but rare to find a patient recover, from whose blood plague bacilli have been obtained on culture, no matter whatever the line of treatment adopted. Repeated examinations by culture in the early stages of the disease, except in the septicæmic form, have failed to reveal the presence of the plague bacillus in the blood, and in no instance has it been possible to recover the plague bacillus by culture from patients convalescent from Plague. And it has still to be settled as to when the plague bacilli in the bubonic type gain entrance into the circulation, and what clinical phenomena accompany the same.

17. The type of Plague has not been a matter of insignificant importance to us in Bombay. I have come to recognise that some types are more deadly than others, and some more infectious. For instance, the pneumonic and the septicæmic types have shown us a mortality-rate of 100 per cent., whereas in the bubonic type it has varied from 70 to 85 per cent., and in the cellulo-cutaneous type it has been found to be as low as 60 per cent. One very important fact does lend support to Dr. Hunter's views that Plague is primarily a septicæmic disease. And it is, that great and grave differences have been demonstrated to exist between the clinical features of the septicæmic type and the bubonic type. Except where the infection is very malignant in the bubonic type, the patient does not exhibit the more serious manifestations of the disease till the third or fourth day of illness. Whereas in the septicæmic type, the temperature, the nervous and circulatory disturbances are extremely grave and threatening on the first day, and it is only in such cases that it is possible to recover plague bacilli from the blood. We have noticed two types of primary septicæmias in Bombay. In one, the patient's appearance, symptoms, &c., are extremely deceptive; no grave manifestations are apparent, except the persistent high temperature, and in spite of all the patient gets steadily worse and dies on the fifth, or sixth, or seventh day of illness, one or more buboes appearing just a few hours before death. In the other type the blood is so greatly infected that the plague bacilli simply crowd the field of the microscope; all the symptoms of grave systemic infection appear on the first day, and they are accompanied by a grave form of icterus, the whole body turning yellow and so also all the excretions highly charged with bile. Death in such cases supervenes on the second or third day of illness. And even in such instances of evident blood infection, it is a moot point whether there may not exist a tiny or deep seated bubo from which the system has got infected. For instances have been recorded in which the most searching examination during life has failed to elicit the presence of buboes, and yet during *post-mortem* tiny plague infected buboes have been found deep in the axilla from which the septicæmia had originated. A grave suspicion exists as to whether most of such septicæmic cases may not have a similar origin.

18. There is no infectivity in a person who has had plague, once he is convalescent, that he should harbour plague germs and thus become an instrument for the dissemination of plague does not appear either probable or logical. Row and others have demonstrated that the blood of patients convalescent from plague show a high degree of bactericidal power against the plague bacillus, and under such circumstances it does not appear probable that the same blood could harbour plague bacilli either virulent or non-virulent. And the possibility of the resting stage of the parasite in man appears to be equally farfetched. So also, the theory so gravely put forward that healthy individuals, following their usual avocations, harbour plague bacilli in their blood. If plague bacilli have been shown to exist, the bacilli must have been different to what we are accustomed to. Our combined clinical and bacteriological experience ranging over nine epidemics of Plague lend therefore no confirmation to the views propounded by Dr. Hunter, unless it be that the plague prevailing at Hongkong is not the same disease that we have come to know but too well to our cost in this City.

19. Dr. Hunter's inferences with regard to the skin lesions met with in Plague also find no confirmation in our experience. Often and often has it been noticed that the only manifestation of Plague in the patient is a papule, vesicle (umbilicated or round) or a pustule, which the patient invariably describes as the starting point of his illness and which generally precedes the fever, the bubo appearing later. In case the plague bacilli proliferate in the skin they cause a cellulo-cutaneous necrosis, the whole process could be watched *ab initio*, and it is then found that the buboes appear late from secondary infection through the localised point of inoculation. In fact in those cases where the virus enters through the skin and becomes either partially or completely localised, the Plague becomes distinctly more prolonged and in the latter case the variety of Plague which I have elsewhere described under the name of cellulo-cutaneous plague manifests itself—a type that is comparatively benign than the bubonic. Such specific plague lesions exist in about 10 per cent. of Plague cases and they leave no doubt in the minds of those who have traced their genesis that they are due to the entrance of the virus through the skin. Again, in about other 10 per cent. of cases, there exist ulcers, sores, scratches, abrasions, and various eruptions as scabies, ringworm, eczema, etc., showing distinct breach of surface, from which it is possible for the plague bacilli to gain an entrance without having any specific local signs of infection. And further, deep cuts and fissures in the palms and soles are but the common lot of all toilers, who do rough manual work, and go barefooted.

The more Plague has been studied the greater has been the concensus of opinion that Plague is primarily but a wound infection, applying the term in its widest sense, and that the systemic infection is but a secondary phenomena. Not only do we find pure cultures of Plague bacilli in this primary skin lesion, but we are able to trace an ascending lymphangitis, sometimes superficial and at other times deep from the point of entry of the virus into the skin. Should the superficial lymphatics eventually suppurate and slough, numerous incisions have to be made extending from the foot to the groin in order to remove the whole lymphatic chain, and similarly in the case of the upper extremity. If on the other hand the virus infects the deep lymphatics, the leg and the thigh swell greatly, buboes develop in the calf and in the popliteal space and along the course of the blood vessels, and deep incisions are required in the calf and the popliteal space to evacuate pus and sloughs. It is not necessary that infection should always take place from an open wound in the skin. Fine cuts abrasions, fissures and even the intact skin, if disorganised by inflammatory processes, may readily take in the infection, and local experience is certainly not in favour of either primary blood infection through the gasto-intestinal tract.

20. Lastly, as regards the influence of insects in transmitting Plague, our wards at certain seasons of the year are greatly infested by mosquitoes and flies that spare neither the patient nor the staff, and yet it is a well-known fact that infection among the staff of a Plague Hospital is of comparatively rare occurrence.

21. Taken as a whole, the views set forth by Dr. Hunter find scarcely any corroboration in our local experience, and should they be confirmed by other independent observers would go a great way to indicate that there are essential and radical differences between plague as we know it in Bombay and the disease as studied by Hunter at Hongkong.

VI.—The Treatment of Plague.

22. Numerous observations on the treatment of Plague by special methods of treatment directed specially against the infection as well as the symptomatic treatment were conducted during the year and a brief resumé of the same would not be therefore uninteresting.

A.—Treatment by Carbolic Acid.

23. To the observers at Hongkong also we are indebted for the introduction of the treatment of Plague by heroic doses of Carbolic Acid. It was reported that by giving 12 grs. of Carbolic Acid every two hours, patients suffering even from septicæmic plague could be made to recover, that the plague bacilli under the influence of the Carbolic Acid disappeared and that the recovery rate was greatly improved. This treatment was, therefore, adopted in about 70 cases with the result that it was not found suitable for the Indian patients. They were not able to tolerate such large doses as hæmoglobinuria supervened early and the dosage had therefore to be considerably curtailed. In the majority of cases not more than 30 grains a day could be tolerated, only a few could stand doses varying from 60-70 grains per day. All those in whom this quantity was exceeded succumbed, and the nett result of treatment appeared to be no better than from the ordinary symptomatic treatment. Carbolic Acid appeared to have no influence on the course of the disease, nor was there any appreciable lowering of temperature. The mortality rate amongst those treated was 79 per cent.

B.—Treatment by Injections of Izal.

24. The treatment by Izal was suggested on account of its well-known bacterial properties. With this view 5 to 10 c. c. of one per cent. solution of Izal was injected in the neighbourhood of the buboes. 21 cases in all were treated, of whom only 5 recovered, all of them being extremely mild cases. The injections did not show any influence, local or general, and were therefore abandoned.

C.—Treatment by Adrenalin Chloride.

25. The treatment by the stimulant and camphor injections, although useful to a certain extent in keeping up the circulation, left something to be desired. Under these circumstances the preparations of the Supra-Renal glands suggested themselves. An extensive trial especially of Adrenalin Chloride solution by itself, as well as alternately with the stimulant injections, was given and practically all the patients admitted since March were treated with one or the other of these drugs. Adrenalin alone was used in 70 cases mostly hypodermically; stimulant injection and Adrenalin (by mouth as well as hypodermically) was used in 598 cases and lastly Rena-Glandin was similarly used in 80 cases. It was found that neither Rena-Glandin nor Adrenalin were suitable for hypodermic administration, as their effect appeared to be more local than general, even if used diluted with an equal quantity of normal salt solution. The best results were obtained when administered orally, and the dose employed varied from

o to ten minims every two or three hours alternately with the stimulant injections. The mparative results of the above trials may be formulated as under :—

1904.	Line of Treatment.	Number treated.	Recovered.	Died.	Percentage of Mortality.	Percentage of Deaths within 48 hours to Total Mortality.
January to 27th February	Stimulant and camphor injections	324	56	268	82·71	64·92
arch to December (except as under).	Adrenalin only	70	23	47	67·14	59·57
	Stimulant injections and Adrenalin	598	182	416	69·56	55·70
h to 14th April	Stimulant injections and Rena-Glandin	80	17	63	78·75	50·79

The mortality rate during January and February was, it will be noted, very high, 82·71 er cent., and deaths within 48 hours showed a percentage of 64·92 to 100 deaths. The former was about 6 per cent. higher than the average of 1903, and the latter about 7 per cent., ndicating the gravity of the cases admitted. Soon after the introduction of Adrenalin alone nd in combination with the stimulant injection, there was a marked decline, both in the ratio f total mortality and in that within 48 hours. How far Adrenalin contributed to this result r how far it was influenced by the lesser virulence of the cases, it is not so easy to determine. Some idea, however, of their relative influence can be gathered by comparing the results of the ases treated with Rena-Glandin and Stimulant during the course of the epidemic. The latter lo not indicate any great difference in the virulence of the epidemic or at all events so marked s to influence the mortality to the extent noted above. It is true that the number of patients reated was not large, but it was larger than that treated with Adrenalin alone, and looking to he period (March to May) during which Adrenalin was used and the largest number of observations made, when the epidemic was at height, it would be impossible to ignore altogether the hare Adrenalin may have had in mitigating to some extent the high mortality prevailing ntecedent to its use. Any exact numerical demonstration of results in plague treatment is, owever, generally complicated by the presence of numerous disturbing factors and, therefore, hen statistics are produced there appear some conflicting deductions. And the present nstance is no exception. It will be noted from the foregoing statement that, although the eatment with Rena-Glandin showed a higher mortality rate than with Adrenalin, still the rate f mortality within 48 hours was considerably less than with the latter. On the other hand, we otice that, although Stimulant and Adrenalin had a somewhat higher mortality rate than drenalin alone, still there was distinctly greater prolongation of life under their combined se than when Adrenalin alone was administered. Such apparently contradictory results are ot difficult of explanation, inasmuch as they exist in all statistical investigations in relation to lague treatment owing to the condition of the patients (especially that of their circulatory ystem) on admission into the hospital and to their race, age, sex, duration of illness, the type f plague, position of buboes, &c.

All these factors considerably influence the mortality from Plague and more so the ratio f hospital mortality. And on strict analyses which have been instituted in relation to other inds of treatment, they have been satisfactorily explained. Under such circumstances the esults have to be judged on the whole, and foregoing statement indicates that the treatment y Adrenalin not only prolongs life, but also saves it to some appreciable extent. The aluable aid that the preparation renders in plague treatment cannot be despised, nor its tility overlooked. What place Adrenalin will eventually take as a remedial measure, it is et too early to forecast.

As regards Rena-Glandin it was used in 80 cases, but it did not indicate a sufficiently rong or lasting influence.

D.—The Serum Treatment.

26. Observations with five different kinds of serums were conducted during the year. The serums used were the following :—

1. Palthauf's Serum (from Vienna).
2. Brazil's Serum.
3. Terni's Serum.
4. Yersin-Roux' Serum.
5. Serum prepared by M. Haffkine at Bombay.

A.—Prof. Palthauf's Serum.

27. About three litres of this serum was received through the Austro-Hungari Consul and 10 patients were treated with it. The serum was said to have been prepared o the same system as adopted at the Pasteur Institute of Paris. 8 patients were treated on th second day of illness, of whom 4 died and 4 recovered; 2 cases were treated on the 3rd di of illness and both of them succumbed. One of them died from secondary septicæmia in t sixth week of illness. This serum showed marked influence, local and general, on the cour of the disease, and so far as the limited number of observations went it indicated that it was no way inferior to the product from the Paris Pasteur Institute.

B.—Yersin-Roux' Serum.

28. Dr. A. Mayr was pleased to place at my disposal some serum that had been ov one year in India. The quantity sufficed for 7 patients only, six of whom were treated the second day of illness, of whom three died and three recovered. One patient was treat on the fourth day of illness and recovered. The above results demonstrated that the seru although so long in India had not so deteriorated as to be without any action, and the results the few cases were certainly not worse than those obtained with Prof. Palthauf's fresh serum.

29. The following observations were made by Dr. West under the auspices of M Haffkine, the late Director-in-Chief of the Plague Research Laboratory. They were co ducted on the alternate system of which M. Haffkine is the exponent and for the results suc as they are Mr. Haffkine and Dr. West are solely responsible. The results of the treatme is tabulated as under and from which it will appear that neither Ternis', nor Yersin-Roux' Seru showed any advantage as compared with the control cases. In fact, the mortality in t serum group was higher by nearly 6 per cent. The Brazil serum was the only one that ind cated a difference of 8 per cent. in favour of the serum group.

A serum prepared by Mr. Haffkine was used in 15 *selected* cases, of whom 11 died and 4 recovered.

Treatment.	Number treated.	Died.	Recovered.	Percentage of Mortality.
Serum, Brazil	50	41	9	82·00
Control of Brazil	50	45	5	90·00
Serum, Ternis	16	12	4	75·00
Control of Ternis	16	11	5	68·75
Serum, Roux'	80	55	25	68·75
Control of Roux'	80	50	30	62·50
Prof. Haffkines	15	11	4	73·33

The above results cannot be considered satisfactory. The fault lies, I believe, not with th serums tested, but with the system of testing employed. Mere numerical alternation of case without due regard to the condition of patients, is not a sound system.

To the word "control" has been justly attached a particular meaning and weight wh applied to experiments on animals in the laboratory, but it cannot therefore be contended th it conveys the same weight, or carries the same meaning, when applied to observations on patien at the bed-side. In the former instance, the time, the method of injection, the dose of the viru injected and of the serum employed and the individual susceptibility of animals are all well-know or under the direct control of the observer, whereas in the case of patients afflicted with Plagu all these factors are beyond his control. To engraft, therefore, a system that has given goo results in laboratory practice in animals, under specially defined conditions on to observations o human beings in the hospital, where the conditions are neither so defined, nor under control a numerous other factors complicate the observations, does not seem logical. That is the mai reason why observers have become dissatisfied with the great differences observed betwe laboratory and clinical results; they however overlook the enormous differences that exist the conditions. With a rapidly progressive disease like Plague, it is early treatment that giv the best results, and early treatment is the thing, we do not get a chance of under the prese system of hospital isolation. Some of the above serums have been tested on a different syste before and also subsequent to these observations, and the results have been more favourabl indicating that it is the method adopted for testing and not the serum that is at fault. An were it possible in the case of a patient to know the exact dosage of the infecting virus, its time of entrance, and to apply the serums, just as in the case of laboratory experiments, the results would, I hold, be equally good in both instances. But so long as that is not practicable, we should rest content with such appreciable reduction of mortality as we can obtain under the existing conditions,

N. H. CHOKSY, M. D.,
Special Assistant Health Officer.

June 27th, 1905.

REPORT OF THE ARTHUR ROAD INFECTIOUS DISEASES HOSPITAL FOR THE YEAR 1904.

I.—Accommodation.

1. The permanent accommodation for 120 beds remained as before. The temporary all-pox ward that accommodated 80 patients having collapsed during the monsoon, the cture was dismantled and a smaller ward of corrugated iron from the materials of the old likhana Hospital was put upon the same site. It can accommodate 50 patients.

II.—Establishment.

2. The only change in the staff was that Dr. Turkhad acted for me during my absence sick leave for six months.

III.—General Statistics.

3. The following table shows the details of the admissions from various infectious eases month by month. The total number of admissions during the year was 980, as com- red with 1,356 during the previous year. Admissions from all the infectious diseases, cept cholera, declined considerably. One new infectious disease, namely, erysipelas, was for e first time included, under orders of Government, as a disease, the liability for the treatment which rested on the Municipal Corporation. In conformity with the above, 22 cases of gical erysipelas were transferred from the J. J. and Goculdas Tejpal Hospitals and treated the Arthur Road Hospital :—

Months.	Small-pox.	Chicken-pox.	Measles.	Cholera.	Mumps.	Relapsing Fever.	Plague.	Whooping Cough.	Erysipelas.	Observations.	Total.
January	40	7	1	...	...	10	1	...	2	15	76
February	43	9	10	...	...	11	4	...	2	8	87
March	65	17	9	1	...	11	2	...	...	10	115
April	77	3	1	...	...	12	1	...	...	7	101
May	88	...	...	...	...	3	3	...	1	16	111
June	21	1	...	2	...	4	1	...	1	12	42
July	16	...	...	11	...	1	2	...	3	18	54
August	14	1	...	48	...	22	1	...	2	17	105
September	6	1	...	12	...	18	...	...	4	14	55
October	3	...	...	8	2	9	1	...	2	18	43
November	13	...	...	2	1	19	10	...	2	17	64
December	9	1	1	1	1	19	...	3	...	11	127
Total ...	476	40	22	85	4	139	26	3	22	163	980

4. The results of the various diseases treated are indicated in the following statement. he mortality from small-pox was 19·17 per cent. as compared with 28·53 during the previous ear. Relapsing fever had a mortality rate of 39 per cent. Cholera from which 85 patients ere treated showed a mortality rate of 55·29 per cent. There were no deaths from icken-pox, measles and whooping cough. 26 patients suffering from plague were sent under servation, 14 of whom were in too critical a state for removal to the Maratha Hospital and ey succumbed ; the rest were transferred to that institution. Of the 22 cases of erysipelas mitted, 4 died and 18 recovered :—

Diseases.	No.	Died.	Recovered.	Percentage of Mortality.
Small-pox	476	94	382	19·75
Chicken-pox	40	.....	40	00·00
Measles	22	.....	22	00·00
Cholera	85	47	38	55·29
Mumps	4	.....	4	00·00
Relapsing Fever	139	55	84	39·56
Plague	26*	11	.....	.....
Whooping Cough	3	.....	3	00·00
Erysipelas	22	4	18	18·18
Observation Cases	163	36	127	22·08

* 15 transferred to Maratha Hospital.

IV.—Small-pox.

5. Of the 476 admissions from small-pox, 303 were Hindus, 71 Musulmans and 102 Christians, mostly Goanese. The mortality amongst Hindus was 17·8 per cent., amongst Musulmans 25·3 per cent. and amongst Christians 21·5 per cent.

6. As regards the influence of vaccination, whilst more than two-thirds of the Hindu patients were vaccinated, amongst Mussulmans there was almost an equal number of vaccinated and unvaccinated, whilst amongst Christians the proportion of vaccinated was only one-third. The mortality amongst the vaccinated was 13 per cent., as against 26 per cent. in the unvaccinated.

7. Of the other diseases treated, none call for any special remarks except cholera. The disease was imported into Bombay from the fair at Pandharpur and it led to an outbreak in the City which was however limited in extent. It did not approach to any thing like the proportions of the epidemics of 1897 or 1900. 85 patients were admitted, of whom 47 died and 38 recovered; the rate of mortality being therefore 55·29 per cent.

V.—The Treatment of Cholera.

8. Towards the latter end of the epidemic of 1900, Dr. A. Mayr suggested, from the results of laboratory experiments, the use of the cyanide of mercury in combination with the treatment hitherto adopted at the Hospital. The suggestion was accepted, and the treatment has been carried out in over 200 sporadic as well as epidemic cases.

The average mortality rate has been reduced to 50 per cent.

9. *Internal Treatment.*—The treatment consists in the internal administration of the cyanide of mercury in doses of 1/10th of a grain dissolved in an ounce of water with a little simple syrup. This is administered every two or three or four hours according to the frequency of the motions until they cease. If the patient is in the collapse stage with infrequent motions only a few doses are required.

10. *Rectal Injections.*—Rectal Injections* consisting of a pint of warm water to which are added one drachm of sodium chloride and a drachm and-a-half of sodii bicarbonas are given every four to six hours, every effort being made to prevent rapid expulsion by elevating the hips, raising the foot of the bed, etc. If properly and slowly administered by a gravitation douche with a long rectal tube inserted as high up as practicable, the injections are retained and rapidly absorbed and the secretion of urine is quickly re-established. As the quantity of urine increases, the frequency of the injections is reduced. Under the treatment, very few patients succumb from suppression of urine.

11. *Heart Stimulation.*—In order to keep up the action of the heart, to strengthen the pulse, to give warmth to the cold and clammy extremities and to help forward the secretion of urine as well, the following hypodermic injection is administered every two, three or four hours as necessary:—

R

Caffeine Sodio-Salicylas	grs.	2½
Spartein Sulphas	gr.	½
Liqour Atropiæ	m.	1
Spirit vini gallici ad.	ms.	XX

After the pulse has improved and the urinary secretion freely re-established, the rectal and hypodermic injections are gradually reduced in frequency, and ultimately discontinued and the patient is placed upon an alkaline mixture containing bicarbonate of soda, citrate of potash, tinct. nux vomica and tinct. digitalis; under this the patients improve rapidly.

12. *Body Warmth.*—This is kept up by poultices on the abdomen and loins; hot water bottles to the extremities, together with friction with dry ginger powder to the limbs.

13. *Diet.*—No alcohol is given; the only food allowed is strong black coffee with milk and without sugar. After the subsidence of all the acute symptoms, thin arrowroot con slightly sweetened is allowed and thereafter milk is gradually added to the dietary. No ice or ic drinks are required, as under the influence of the hot coffee, which is well borne and retain the incessant vomiting and the wild craving for fluids, which are no sooner rejected than giv are scarcely noticeable. The patients are more quiet, their thirst being allayed by the coffee the one hand and by the absorption of the rectal injections on the other.

14. *The Stage of Re-action.*—During the stage of re-action and the attendant fe which may run up rather high, the alkaline mixture as above stated may be given and fever controlled by ice bags and wet pack to the body. Should delirium set in, and in this st it is at times so violent as to necessitate physical restraint, it should be controlled by bromi and tinct. hyoscamus, or hyoscin or by trional or chloretone.

The above treatment if intelligently and carefully carried out is certainly more hopef than any that we know of. It requires careful watching and good and efficient nursing wi proper appliances. And except in cases too far advanced, it is of great benefit. In the ver early stages of cholera, however, a few doses of the cyanide mixture and the stoppage of all food except coffee would certainly prove more beneficial than the usual anti-spasmodic or astringent medication.

N. H. CHOKSY, M.D.,
Special Assistant Health Officer.

June 27th, 1905.

* Injections into the subcutaneous cellular tissue may be given instead if proper appliances and facilities for the same exist.

Meteorological Data (Government Observatory, Colaba) Latitude 18° 53′ 45″ North, Longitude 72° 48′ 56″ East.

MONTHS.	BAROMETER.	READING OF THERMOMETER.					Mean Maximum Solar Radiation.	Difference between dewpoint temperature and mean air temperature.	Degree of humidity, complete Saturation being 1·0.	Prevailing direction of wind.	RAINFALL.		
	Mean Daily Reading.	Maximum.	Minimum.	Mean Daily Range.	Mean Daily Value.	Mean Daily Value.					Number of days on which rain fell.	Total fall of rain during the month.	Maximum fall of rain during 24 hours.
	In.	°	°	°	°	°	°	°					
January 1904	29·942	86·8	62·8	10·2	74·8	64·8	129·8	10·0	0·710	N. N. W.			
February „	·903	88·8	68·2	10·6	76·3	66·2	131·2	10·1	·710	N. W.			
March „	·849	91·7	70·3	9·1	78·7	69·4	132·0	9·3	·731	N. W.	1	0·07	0·07
April „	·791	88·5	75·8	7·9	82·0	73·6	135·3	8·4	·757	W. N. W.			
May „	·753	90·3	78·6	7·5	34·7	75·9	137·2	8·8	·749	W. S. W.	1	0·02	0·02
June „	·682	90·0	76·1	3·8	83·0	77·2	126·4	5·8	·837	W.	25	15·10	3·33
July „	·665	86·0	76·1	3·3	81·6	76·3	124·7	5·3	·840	W. S. W.	25	10·14	2·84
August „	·734	85·2	75·2	4·2	80·6	75·1	128·4	5·5	·834	W. S. W	23	5·72	1·52
September „	·818	86·9	76·1	5·0	80·7	74·5	126·9	6·2	·815	W.	11	1·81	0·72
October „	·823	91·4	75·2	8·3	82·1	75·1	134·2	7·0	·791	N. W.	4	0·56	0·26
November „	·958	91·1	70·4	10·9	78·3	67·8	134·2	10·5	·701	E. N. E.			
December „	·962	86·2	67·1	11·1	75·4	65·2	131·0	10·2	·706	E. N. E.			
MONTHS.	Mean Daily Reading.	Maximum.	Minimum.	Mean Daily Range.	Mean Daily Value.	Mean Daily Value.	Mean Maximum Solar Radiation.	Difference between dewpoint temperature and mean air temperature.	Degree of humidity, complete Saturation being 1·0.	Prevailing direction of wind.	Number of days on which rain fell.	Total fall of rain during the month.	Maximum fall of rain during 24 hours.
	BAROMETER.	READING OF THERMOMETER.									RAINFALL.		

I.

TABLE showing the population and the number of births and the birth-rate by Sex and by Sections in the year 1904.

1	2	3			4			5			6	7	8	9			10	11
Wards.	SECTIONS.	Population according to census of 1901.			Number of Births registered.			Ratio of Births per 1,000 of population.			Number of males born to every 100 female born.	Excess of Births over deaths per 1,000 of population.	Excess of deaths over births per 1,000 of population.	Mean ratio of births per 1,000 during previous five years.			SECTIONS.	Wards.
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.				Males.	Females.	Total.		
A	Upper Colaba	2,758	1,198	3,956	51	53	107	1·45	44·24	27·04	101·93	9·10	*Nil.*	12·34	26·86	16·79	Upper Colaba	A
	Middle and Lower Colaba	8,109	4,914	13,023	151	146	297	18·62	29·71	22·80	103·43	*Nil.*	23·73	9·79	16·14	12·13	Middle and Lower Colaba	
	Fort, Southern	2,880	629	3,509	22	12	34	8·20	19·07	10·37	183·33	..	9·07	5·99	21·85	9·25	Fort, Southern	
	Fort, Northern	13,588	9,368	22,956	301	320	621	2·21	34·15	27·05	94·06	..	20·73	15·10	30·86	17·72	Fort, Northern	
	Esplanade	7,264	3,134	10,398	110	96	206	15·14	30·63	19·81	114·58	..	28·57	21·34	44·02	28·15	Esplanade	
B	Mandvi	18,813	12,989	31,802	384	407	791	20·85	31·33	24·18	94·34	..	43·89	14·08	29·37	16·58	Mandvi	B
	Chukla	14,672	9,712	24,384	370	340	710	25·21	35·00	29·11	108·90	..	32·89	13·89	19·35	16·21	Chukla	
	Umarkhadi	28,641	19,840	48,481	562	558	1,120	19·62	28·12	23·10	100·71	..	35·93	12·29	15·93	13·83	Umarkhadi	
	Dongri	14,559	11,219	25,778	364	354	718	25·00	31·55	27·85	102·82	..	41·47	14·99	21·16	17·54	Dongri	
	Market	15,734	9,681	25,415	295	266	561	18·94	27·47	19·74	110·90	..	30·94	9·37	18·87	12·93	Market	
C	Dhobi Talao	17,737	11,816	29,553	348	316	664	19·62	26·74	22·46	110·12	..	29·95	15·01	23·66	17·32	Dhobi Talao	C
	Panaswadi	10,034	6,320	16,354	210	214	424	20·92	33·86	25·92	98·13	..	41·46	14·76	24·27	17·28	Panaswadi	
	Bhuleshwar	19,135	11,994	30,229	323	269	592	16·83	24·24	19·58	120·07	..	44·63	11·19	18·72	13·85	Bhuleshwar	
	Khara Talao	14,164	8,997	23,161	358	375	733	25·27	41·68	34·64	95·46	..	34·63	17·93	27·33	21·56	Khara Talao	
	Kumbharwada	16,394	11,183	27,744	374	327	701	22·82	29·30	25·45	114·37	..	43·38	15·26	21·86	17·17	Kumbharwada	
D	Khetwadi	16,787	10,473	27,160	373	360	733	22·20	33·10	26·98	103·61	..	30·29	13·38	24·67	19·31	Khetwadi	D
	Girgaum	9,115	5,715	14,830	210	230	440	22·94	39·93	29·59	91·20	..	19·96	16·96	22·84	18·51	Girgaum	
	Chowpati	4,104	2,625	6,729	120	114	234	29·72	43·42	34·77	105·26	..	33·73	14·43	19·25	16·78	Chowpati	
	Walkeshwar	6,897	3,686	10,583	99	106	205	14·35	28·91	19·40	98·39	..	8·62	10·78	14·34	12·05	Walkeshwar	
	Mahalakshmi	10,953	7,139	18,092	232	198	430	21·18	27·73	23·76	117·17	..	22·06	16·71	21·56	18·92	Mahalakshmi	
	Mazagon	16,850	11,343	27,033	298	295	593	17·36	26·09	21·29	100·67	..	39·24	16·09	22·95	18·13	Mazagon	
	Parwadi	11,909	6,951	18,460	300	223	523	25·06	32·08	28·33	134·52	..	57·03	24·19	36·97	28·78	Parwadi	
E	2nd Nagpada	10,635	7,956	18,591	287	278	535	24·16	34·94	28·77	95·44	..	40·31	21·73	25·31	24·59	2nd Nagpada	E
	Kamathipura	15,275	11,431	26,706	487	434	921	31·88	37·96	34·74	112·21	..	46·73	19·35	11·06	21·00	Kamathipura	
	Tardeo	12,213	8,745	20,958	350	334	684	27·83	38·19	31·98	94·86	..	27·43	22·20	12·19	25·98	Tardeo	
	Byculla	24,744	23,102	57,846	908	877	1,785	26·26	37·96	30·86	103·53	..	34·19	19·20	21·50	22·50	Byculla	
	1st Nagpada	6,308	4,269	10,577	7	10	17	1·10	23·42	16·07	70·00	12·48	*Nil.*	10·84	12·14	11·48	1st Nagpada	
F	Parel	20,430	12,960	33,390	482	431	913	23·59	33·25	27·34	111·83	*Nil.*	21·32	16·49	24·35	19·55	Parel	F
	Sewri	5,605	3,689	9,294	164	148	312	29·25	40·11	33·57	110·81	..	16·13	16·01	18·87	19·49	Sewri	
G	Sion	15,139	10,344	25,443	383	355	738	25·29	34·45	29·00	107·88	..	13·99	17·07	24·17	19·90	Sion	G
	Mahim	15,927	11,459	27,386	349	343	692	21·91	29·93	25·26	101·74	..	12·09	19·72	26·21	22·40	Mahim	
	Worli	27,329	18,459	45,788	778	757	1,535	28·46	41·43	33·67	102·77	..	19·23	16·43	22·63	18·93	Worli	
	Harbour and Docks, Railways and Homeless	34,018	3,663	37,681	3	3	6	00·88	00·81	0·15	100·00	..	3·22	0·34	5·13	0·79	Harbour and Docks, Railways and Homeless	
	Total ..	479,786	296,220	776,006	10,096	9,550	19,556	20·85	32·41	25·20	104·77	..	19·79	14·92	23·26	17·79	Total.	

Wards.	SECTIONS.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Number of males born to every 100 female born.	Excess of births over deaths per 1,000 of population.	Excess of deaths over births per 1,000 of population.	Males.	Females.	Total.	STATIONS.	Wards.
		Population according to census of 1901.			Number of Births registered.			Ratio of Births per 1,000 of population.						Mean ratio of births per 1,000 during previous five years.				
1	2	3			4			5			6	7	8	9			10	11

Wards.	SECTIONS.	Area in square miles.	Average population per square mile.	Population (Census of 1901). Males.	Females.	Total.	Number of deaths registered. Males.	Females.	Total.	Number of deaths of males to every 100 deaths of females.	Deaths per 1,000 of population from — Cholera.	Small-pox.	Measles.	Plague.	Malaria.	Enteric.	Other fevers.	Dysentery and Diarrhœa.	Tubercle.	Phthisis.	Other Respiratory Diseases.	Injury.	All other causes.	All causes. Males.	Females.	Total.	Mean ratio of deaths per 1,000 during previous five years. Males.	Females.	Total.	SECTIONS.	Wards.
A	Upper Colaba	·22	17,281	2,758	1,195	3,953	57	19	76	279·65	..	..	..	4·29	..	·75	1·26	1·26	..	1·26	1·51	..	7·55	18·55	19·85	17·94	27·76	26·75	28·75	Upper Colaba	A
	Middle and Lower Colaba ..	·42	31,607	8,105	4,914	13,023	376	230	606	160·00	·18	·53	·53	16·01	·35	·09	1·68	1·68	·49	2·43	2·91	·55	13·86	45·25	45·89	46·55	58·90	57·42	60·77	Middle and Lower Colaba	
B	Fort, Southern ..	·21	15,731	1,680	623	2,303	52	12	64	433·33	..	·06	..	2·65	..	..	·60	1·20	..	·60	3·02	·30	3·32	19·40	18·06	19·34	7·81	12·23	8·89	Fort, Southern	B
	Fort, Northern ..	·21	1,09,314	13,163	9,368	22,531	626	464	1,090	134·90	·36	·21	·13	14·94	·52	·08	2·17	2·22	·34	2·42	7·23	·69	16·03	38·26	38·06	37·64	53·49	52·31	53·31	Fort, Northern	
	Esplanade	1·04	9,203	7,261	3,134	10,395	355	150	505	236·33	·67	·44	..	10·63	·09	·28	1·73	2·53	2·24	2·30	5·42	2·73	18·63	48·48	47·86	48·34	48·47	24·13	41·88	Esplanade	
	Mandvi	·26	1,29,776	13,413	13,989	31,402	1,215	954	2,169	127·35	1·39	·57	1·91	25·81	·99	·92	2·79	1·97	·76	4·61	13·18	·23	17·89	65·98	73·44	69·97	76·23	94·49	89·18	Mandvi	
C	Chukla	·98	3,01,840	21,672	9,742	24,364	870	642	1,512	135·51	..	·41	·32	19·35	·36	·08	1·89	2·74	2·02	5·37	12·38	·36	18·37	59·28	66·10	62·09	63·96	80·41	70·37	Chukla	C
	Umerkhady	·16	3,02,046	20,511	19,840	48,481	1,511	1,211	2,962	119·32	·16	·78	·32	13·96	1·32	·16	4·88	3·32	2·59	5·48	11·03	·49	17·16	54·13	66·07	59·03	74·72	86·08	79·84	Umerkhady	
	Dongri	·45	57,284	14,159	13,219	25,778	1,016	721	1,737	141·77	·42	1·10	1·08	20·46	·93	·97	6·32	4·96	1·04	3·32	10·85	1·12	18·73	69·78	68·78	69·31	94·16	102·66	94·26	Dongri	
	Market	·14	3,02,914	18,734	9,681	28,415	1,029	667	1,696	154·27	·14	·28	·35	24·84	·45	·13	2·67	2·49	·56	2·25	9·88	·63	14·81	54·92	68·89	59·68	61·56	73·84	64·60	Market	
	Dhobi Talao ..	·16	1,81,706	17,737	11,854	29,583	927	642	1,569	144·03	·13	·71	·13	18·28	·48	·13	3·01	2·77	·94	2·21	8·12	·81	14·80	52·26	52·64	52·41	60·25	62·19	59·56	Dhobi Talao	
	Fanaswadi	·09	81,770	10,034	6,390	16,754	589	413	1,102	146·82	..	·42	·24	22·40	·24	·06	2·28	3·24	·48	4·43	10·63	·42	13·34	68·44	66·24	67·38	63·57	64·69	64·06	Fanaswadi	
	Bhuleshwar	·12	2,51,602	18,135	11,025	30,389	1,121	772	1,923	145·20	·15	·91	·23	24·15	·13	·06	3·37	3·27	·81	5·01	12·27	·94	15·94	59·10	71·38	63·61	69·23	82·94	73·93	Bhuleshwar	
	Khara Talao ..	·07	3,80,871	14,161	8,997	23,158	832	712	1,544	116·85	·12	·23	·34	13·30	·06	..	1·33	0·64	·64	4·10	10·12	·46	17·37	58·10	78·15	66·23	73·21	91·02	82·79	Khara Talao	
	Kumbharwada ..	·07	3,93,433	16,381	11,160	27,541	1,088	866	1,954	125·65	·10	·24	·36	14·32	·03	·03	·10	3·22	·42	3·73	10·08	·23	15·13	64·49	72·41	66·83	88·55	92·90	91·36	Kumbharwada	
D	Khetwadi	·27	1,00,558	16,287	10,873	27,160	751	513	1,264	146·30	·22	·44	·07	14·16	·11	·11	1·33	2·36	·61	2·73	11·34	·77	13·84	44·11	49·02	47·27	71·11	61·95	72·10	Khetwadi	D
	Girgaum	·20	74,350	9,151	5,713	14,864	570	404	974	141·08	·06	·47	·13	23·14	·30	·06	4·30	4·03	·73	4·57	10·49	·52	21·32	62·28	60·31	59·55	88·83	98·08	169·42	Girgaum	
	Chowpati	·17	1,13,882	4,104	2,223	6,779	253	196	461	129·20	·14	·27	·29	28·72	·41	·14	4·30	2·22	·41	6·09	8·76	·41	13·37	54·87	74·66	63·90	41·49	39·87	41·30	Chowpati	
	Walkeshwar	·65	12,427	6,857	1,196	10,543	1,43	113	296	154·24	·37	·37	·55	8·32	..	·28	2·17	1·43	·18	1·89	3·69	·46	8·31	26·28	31·09	28·02	31·60	19·87	31·38	Walkeshwar	
	Mahalakshmi ..	1·00	18,092	10,593	7,139	18,092	509	320	829	159·06	·11	·88	·16	19·10	·22	·05	2·76	2·92	·16	1·24	5·47	·55	11·68	48·47	44·2	43·82	52·78	46·46	52·95	Mahalakshmi	
E	Mazagon	·96	22,035	16,503	11,843	27,833	760	721	1,469	134·39	·10	1·29	·03	22·01	·64	·14	3·63	4·90	·32	4·22	7·26	·64	15·57	58·40	63·86	60·58	75·54	79·81	77·24	Mazagon	E
	Tarwadi	·75	24,180	11,102	6,951	18,160	941	636	1,577	147·91	·21	1·84	·4	21·38	·54	·16	5·25	8·45	2·70	5·14	9·10	3·14	22·19	51·76	51·49	55·42	89·32	101·36	94·15	Tarwadi	
	2nd Nagpada ..	·95	3,71,884	19,654	7,954	14,591	883	425	1,308	106·08	·03	·43	·47	21·06	..	..	2·52	2·83	1·45	2·84	14·84	·64	22·82	62·24	78·15	69·24	91·12	107·26	98·16	2nd Nagpada	
H	Kamathipura ..	·10	1,67,600	13,273	11,131	26,704	1,164	905	2,069	129·61	·23	·71	..	29·79	·11	..	3·77	3·50	1·79	2·29	14·22	1·01	21·32	76·20	79·17	77·45	96·72	73·76	10·20	Kamathipura	H
	Tardeo	·26	58,216	12,213	9,745	2,1958	677	562	1,239	120·46	·23	·66	..	18·32	·09	·09	2·86	6·10	1·09	1·01	11·13	·23	18·27	58·43	64·26	59·13	57·28	33·37	90·15	Tardeo	
	Byculla	·80	72,057	34,541	23,102	57,643	2,076	1,680	3,756	123·57	·27	1·50	·43	19·93	·45	·03	4·15	3·76	·32	6·59	9·31	·32	17·39	60·09	72·79	65·15	58·48	106·62	79·51	Byculla	
F	1st Nagpada	·05	2,11,540	6,308	4,269	10,577	19	19	38	100·00	..	..	..	·76	..	·09	·18	·18	..	..	·28	·18	1·89	3·03	4·43	3·99	63·83	69·46	66·33	1st Nagpada	F
	Parel	·96	39,523	20,139	14,196	35,390	909	719	1,628	126·00	·46	1·24	·41	13·21	·26	·06	1·38	3·47	·79	5·24	6·67	·33	13·23	47·27	53·49	49·70	52·79	49·61	52·12	Parel	
	Sewri	·70	32,377	5,653	3,689	9,594	264	198	462	170·05	1·61	·32	·32	17·08	·32	..	·95	3·98	·10	4·94	6·67	·33	13·23	47·27	53·49	49·70	52·79	49·61	52·12	Sewri	
G	Sion	6·66	3,459	13,139	10,304	23,443	641	453	1,094	141·50	·70	·29	·27	11·36	·13	..	2·20	2·48	·23	4·83	3·49	·95	15·40	49·24	43·96	42·90	46·34	61·43	48·38	Sion	G
	Mahim	2·01	23,623	15,977	11,439	27,416	599	474	1,073	141·77	1·53	·21	·03	8·39	..	·03	1·31	3·61	·10	3·35	7·08	·55	11·21	37·00	37·09	37·25	50·17	58·71	83·95	Mahim	
	Worli	9·81	16,038	27,329	18,259	45,588	1,364	1,048	2,412	130·15	·21	1·53	·21	14·36	·02	..	1·0	5·30	·13	6·49	6·53	·78	16·22	49·91	57·29	52·90	68·90	51·74	74·09	Worli	
	Harbour and Docks.																													Harbour and Docks.	
	Railways and Home-leas.			34,018	3,643	37,661	119	8	127	1311 11	·10	·10	..	·29	0·7	·02	·10	·47	·03	·10	·23	·03	·45	3·46	2·45	3·37	2·02	2·14	3·27	Railways and Home-leas.	
	Total ..	22·45	34,565	479,756	296,220	776,008	24,479	18,197	42,676	134·52	·28	·73	·19	17·44	3·4	0·7	2·49	3·58	·74	3·82	9·45	·72	15·53	51·02	51·43	54·22	49·07	117·75	74·80	Total	

Wards.	SECTIONS.	Area in square miles.	Average population per square mile.	Population (Census of 1901). Males.	Females.	Total.	Number of deaths registered. Males.	Females.	Total.	Number of deaths of males to every 100 deaths of females.	Deaths per 1,000 of population from— Cholera.	Small-pox.	Measles.	Plague.	Malaria.	Enteric.	Other fevers.	Dysentery and Diarrhœa.	Tubercle.	Phthisis.	Other Respiratory Diseases.	Injury.	All other causes.	All causes. Males.	Females.	Total.	Mean ratio of deaths per 1,000 during previous five years. Males.	Females.	Total.	SECTIONS.	Wards.
1	2	3	4	5			6			7	8																9			10	11

III.

STATEMENT showing the Total Number of Deaths registered by Sections during each month of the year 1904.

1		2												3	4	5
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.	Total Deaths registered during the year.	SECTIONS.	Wards.
A	Upper Colaba	3	5	9	16	6	7	2	3	6	3	3	6	71	Upper Colaba	A
	Middle and Lower Colaba ..	65	77	84	56	49	24	33	41	42	43	47	26	606	Middle and Lower Colaba ..	
	Fort, Southern	5	9	15	6	7	2	1	5	1	5	4	4	64	Fort, Southern	
	Fort, Northern	113	141	138	113	72	70	52	78	91	77	72	76	1,097	Fort, Northern	
	Esplanade	55	56	62	49	44	32	27	40	40	26	25	45	493	Esplanade	
B	Mandvi	195	227	271	232	163	129	144	148	189	164	171	163	2,149	Mandvi	B
	Chukla	126	235	227	134	119	70	99	88	102	87	91	134	1,512	Chukla	
	Umerkhady	270	388	394	193	215	162	172	193	180	174	188	225	2,862	Umerkhady	
	Dongri	224	212	244	156	121	81	101	143	114	123	129	151	1,727	Dongri	
C	Market	124	193	206	234	134	77	86	115	99	115	106	107	1,616	Market	C
	Dhobi Talao	129	210	278	173	84	71	95	94	92	110	106	106	1,549	Dhobi Talao	
	Panaswadi	74	108	242	169	81	49	74	74	49	52	63	67	1,102	Panaswadi	
	Bhuleshwar	162	285	320	242	130	99	105	113	98	107	121	161	1,823	Bhuleshwar	
	Khara Talao	99	218	214	105	124	106	102	107	101	114	73	112	1,375	Khara Talao	
	Kumbharwada	126	217	326	271	166	103	114	113	93	121	103	140	1,893	Kumbharwada	
D	Khetwadi	103	197	220	177	87	72	65	81	82	75	58	87	1,304	Khetwadi	D
	Girgaum	76	115	210	143	68	59	41	44	59	79	71	67	1,034	Girgaum	
	Chowpati	29	29	96	98	23	14	31	23	26	21	38	33	461	Chowpati	
	Walkeshwar	22	16	28	56	49	9	12	8	13	17	27	31	295	Walkeshwar	
	Mahalakshmi	72	107	178	138	50	28	44	41	38	37	37	70	870	Mahalakshmi	
E	Mazagon	101	151	249	207	171	85	89	117	100	103	107	120	1,490	Mazagon	E
	Tarwadi	100	127	194	242	139	119	82	111	116	126	101	110	1,577	Tarwadi	
	2nd Nagpada	94	124	197	140	115	67	64	90	102	83	99	93	1,268	2nd Nagpada	
	Kamathipura	151	296	376	219	130	106	105	123	124	134	143	168	2,069	Kamathipura	
	Tardeo	88	159	201	134	67	69	81	91	77	89	87	105	1,248	Tardeo	
	Byculla	248	401	741	479	232	174	207	260	233	239	246	282	3,786	Byculla	
	1st Nagpada	3	2	3	1	9	.....	2	3	2	3	9	1	38	1st Nagpada	
F	Parel	132	181	235	194	145	101	87	135	112	108	89	106	1,625	Parel	F
	Sewri	30	36	56	95	38	20	20	38	23	31	25	47	462	Sewri	
	Sion	63	77	133	212	110	40	58	114	77	68	52	87	1,091	Sion	
G	Mahim	70	84	123	144	101	43	71	90	69	66	72	90	1,023	Mahim	G
	Worli	188	243	289	349	189	151	165	185	166	151	148	198	2,412	Worli	
	Harbour and Docks, Railways and Homeless	9	13	8	29	13	6	5	7	6	15	9	7	127	Harbour and Docks, Railways and Homeless	
	Total ..	3,335	4,838	6,696	5,489	3,240	2,241	2,441	2,917	2,740	2,771	2,749	3,219	42,676	Total.	

Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total Deaths registered during the year.	SECTIONS.	Wards.

STATEMENT showing the number of deaths registered according to age by Sections during the year 1904.

1 Wards.	2 SECTIONS.	3 Under 1 year.		4 1 year and under 5 years.		5 5 years and under 10 years.		6 10 years and under 15 years.		7 15 years and under 20 years.		8 20 years and under 30 years.		9 30 years and under 40 years.		10 40 years and under 50 years.		11 50 years and under 60 years.		12 60 years and upwards.		13 SECTIONS.	14 Wards.
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		
A	Upper Colaba	5	2	6	..	3	2	1	3	2	3	18	4	9	3	2	2	4	..	2	...	Upper Colaba	A
	Middle and Lower Colaba	77	52	14	24	15	20	24	14	30	15	89	35	56	27	32	14	24	8	15	21	Middle and Lower Colaba	
	Fort, Southern	2	3	3	1	1	..	3	..	3	2	17	..	9	3	3	1	2	2	3	1	Fort, Southern	
	Fort, Northern	113	97	44	39	18	25	27	25	61	47	122	62	82	43	51	39	45	41	58	61	Fort, Northern	
B	Esplanade	36	33	13	11	1	4	9	12	37	16	101	21	51	14	41	15	23	7	17	7	Esplanade	B
	Mandvi	255	223	92	92	41	56	85	62	131	100	235	101	143	73	81	64	61	43	67	76	Mandvi	
	Chukla	171	125	63	56	37	44	62	50	76	72	174	113	101	49	73	37	49	38	61	85	Chukla	
	Umarkhadi	312	267	122	117	79	74	83	65	130	144	248	217	178	122	135	73	97	81	111	102	Umarkhadi	
	Dongri	246	207	77	74	47	55	56	62	96	81	220	128	153	87	85	58	81	22	49	65	Dongri	
C	Market	146	131	62	76	31	38	66	37	110	77	210	122	134	66	78	48	78	38	61	40	Market	C
	Dhobi Talao	125	110	38	50	37	26	57	41	94	63	201	81	121	64	85	55	88	42	66	70	Dhobi Talao	
	Fanaswadi	116	89	45	35	24	26	38	24	71	47	183	77	97	37	55	20	30	23	31	26	Fanaswadi	
	Bhuleshwar	195	158	52	70	39	38	69	54	124	90	255	134	140	78	101	42	80	50	63	63	Bhuleshwar	
	Khara Talao	192	132	48	50	23	26	47	39	74	57	181	106	83	74	58	26	54	32	80	73	Khara Talao	
	Kumbharwada	204	143	71	81	44	45	62	52	121	72	242	147	141	82	94	49	65	41	45	54	Kumbharwada	
	Khetwadi	136	137	51	47	31	14	51	44	79	73	181	81	91	58	48	28	48	26	50	50	Khetwadi	
D	Girgaum	100	93	26	41	24	21	25	25	58	43	118	91	83	49	52	32	37	28	31	53	Girgaum	D
	Chowpati	47	38	15	12	15	11	14	15	23	14	61	37	36	20	14	16	18	11	15	22	Chowpati	
	Walkeshwar	24	23	2	3	5	4	2	8	13	13	46	18	27	14	24	6	8	5	12	18	Walkeshwar	
	Mahalakshmi	67	62	37	32	22	22	21	5	49	34	116	67	72	34	41	12	32	18	32	38	Mahalakshmi	
	Mazagon	167	165	63	76	45	49	63	44	89	61	181	113	135	66	85	38	70	45	63	52	Mazagon	
	Tarwadi	198	190	48	46	27	25	40	32	74	55	138	146	93	36	56	26	53	42	35	20	Tarwadi	
E	2nd Nagpada	145	128	49	39	20	29	46	46	45	39	119	124	74	62	54	33	37	10	65	62	2nd Nagpada	E
	Kamathipura	223	178	81	75	49	53	57	53	87	91	202	177	134	100	85	52	64	39	51	54	Kamathipura	
	Parsee	145	136	43	65	21	20	47	31	48	46	119	91	78	54	57	23	30	21	37	42	Tardeo	
	Byculla	498	427	142	140	76	109	156	112	303	168	462	304	236	149	142	60	96	100	100	120	Byculla	
	1st Nagpada	3	2	2	1	1	1	1	1	2	4	5	2	5	..	1	..	..	1	..	6	1st Nagpada	
F	Parel	214	195	84	73	25	32	34	24	108	71	195	112	106	45	65	31	46	38	49	61	Parel	F
	Sewri	62	45	13	18	21	17	18	9	21	24	55	26	30	14	18	16	27	9	9	17	Sewri	
	Sion	138	101	41	38	22	21	30	29	62	43	106	82	53	37	67	27	24	24	34	31	Sion	
	Mahim	112	99	47	46	21	18	31	19	50	29	125	81	79	38	55	28	44	30	30	33	Mahim	
G	Worli	325	303	116	100	68	62	39	65	113	84	275	182	144	78	105	51	72	56	47	67	Worli	G
	Harbour and Docks, Railways and Homeless.	..	2	..	1	1	..	1	..	9	1	18	..	22	..	19	..	18	2	10	3	Harbour and Docks, Railways and Homeless.	
	Total ..	4,803	4,178	1,617	1,657	963	1,023	1,420	1,215	2,325	1,775	3,993	2,292	2,124	1,665	1,967	958	1,458	1,045	1,101	1,441	Total ..	

Wards.	SECTIONS.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	SECTIONS.	Wards.
		Under 1 year.		1 year and under 5 years.		5 years and under 10 years.		10 years and under 15 years.		15 years and under 20 years.		20 years and under 30 years.		30 years and under 40 years.		40 years and under 50 years.		50 years and under 60 years.		60 years and upwards.			
1	2	3		4		5		6		7		8		9		10		11		12		13	14

V.

STATEMENT showing the Population, the number of Deat

1	2	3																								
		POPULATION ACCORDING TO THE CENSUS OF 1901.																NUM								
Wards.	SECTIONS.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other castes.	Hindus, low caste.	Mussulmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Other and Unknown Castes.	Total.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other castes.				
A	Upper Colaba ..	6	61	12	1	919	1,162	291	83	2	297	38	1,154	..	..	..	3,956	..	..	..	..	26				
	Middle and Lower Colaba	121	197	39	..	7,128	1,491	770	893	90	802	157	1,235	1	11	..	13,023	15	9	6	..	332				
	Fort Southern ..	..	2	..	..	673	660	93	98	165	722	101	788	..	5	3	3,309	..	1	..	..	29				
	Fort Northern ..	733	684	4	1,078	5,601	2,057	1,513	2,975	37	941	153	248	3	14	..	27,956	100	43	..	61	316				
	Esplanade.. ..	76	201	25	36	3,091	3,627	1,086	236	57	791	240	821	1	..		10,399	2	6	..	2	158				
B	Mandvi	3,546	3,412	17	1,543	16,440	259	5,151	23	665	241	16	20	11	16	1	31,492	218	174	2	98	1,245				
	Chukla	577	550	..	64	6,525	255	15,716	210	1	19	5	23	1	..	..	24,384	112	29	..	8	314				
	Umerkhadi.. ..	332	274	12	10	12,240	2,054	29,951	90	1,227	539	61	30	245	1	2	48,481	85	15	..	..	724				
	Dongri	357	221	32	6	19,210	2,913	2,216	11	572	116	38	80	6	4	..	25,778	44	9	..	..	1,329				
C	Market	3,026	2,782	14	1,030	15,404	284	2,128	2,891	13	570	79	68	..	24	3	28,413	386	124	3	70	825				
	Dhobi Talao ..	210	2,108	46	548	10,591	1,439	1,002	3,615	2	3,597	70	70	..	5	5	23,553	72	94	3	41	654				
	Panaswadi.. ..	87	2,160	46	31	9,530	442	408	1,736	..	1,455	16	6	..	..	17	16,334	41	157	1	1	735				
	Bhuleshwar ..	976	3,199	7	67	18,156	760	11,073	802	..	14	..	..	42	16	9	30,229	364	135	2	1	598				
	Khara Talao ..	708	224	46	8	5,101	1,820	14,762	371	19	88	..	..	31	25	..	23,161	39	13	1	1	399				
	Kumbharwada ..	332	592	209	4	10,906	1,914	2,942	409	3	122	..	..	7	3	..	27,540	51	25	13	1	1,472				
D	Khetwadi	123	867	23	46	14,237	414	4,718	5,742	21	785	79	94	..	..	6	27,160	20	65	6	1	752				
	Girgaum	209	2,364	26	14	10,073	191	465	577	..	570	36	21	..	..	20	14,566	24	183	2	..	747				
	Chowpatti	99	458	2	10	4,632	149	209	614	..	339	15	18	..	..	17	6,729	14	39	2	3	373				
	Walkeshwar ..	138	933	5	304	5,412	944	419	1,342	27	702	14	384	2	15	2	19,563	18	44	..	6	170				
	Mahalakshmi ..	123	845	26	74	11,513	1,340	566	2,369	17	721	23	149	1	11	24	16,022	17	21	1	3	618				
E	Mazagaon.. ..	340	408	29	..	16,529	1,255	3,886	640	43	2,703	419	437	..	8	1	27,293	19	18	1	..	1,063				
	Tarwadi	106	278	35	10	15,932	569	2,247	567	464	1,024	260	621	4	..	..	18,460	8	8	3	..	866				
	2nd Nagpada ..	91	67	1	..	1,093	3,240	12,523	71	406	190	22	8	53	..	..	18,591	3	3	..	..	153				
	Kamathipura ..	210	436	1,065	4	12,162	6,864	4,268	170	62	539	88	43	16	36	..	26,706	24	35	83	1	1,021				
	Tardeo	145	220	38	1	8,591	6,920	2,772	1,503	41	140	177	148	11	24	..	20,218	4	15	1	..	511				
	Byculla	438	660	61	13	32,047	8,619	11,916	617	381	1,563	654	380	23	..	2	57,446	45	43	6	..	2,003				
	1st Nagpada ..	74	326	37	..	7,779	97	1,614	25	274	139	24	57	20	..	..	10,377	3	..	..	..	20				
F	Parel	309	884	27	42	25,540	5,849	1,913	1,226	76	700	23	91	3	1	2	23,390	13	25	5	..	1,246				
	Sewri	57	248	3	..	7,664	447	293	47	..	340	9	69	..	..	..	9,224	4	3	3	..	379				
	Sion	444	2,026	13	203	15,038	2,694	2,014	675	25	2,072	63	71	1	..	21	25,443	19	30	2	7	643				
G	Mahim	263	1,771	62	91	18,358	4,726	2,133	851	34	2,516	28	133	..	..	2	27,236	19	38	2	2	541				
	World	250	1,031	40	65	28,727	8,343	3,779	1,104	469	2,224	216	236	..	..	2	45,152	26	39	8	2	1,485				
	Harbour and Docks, Railways and Homeless.	260	799	14	39	17,839	2,286	10,315	191	24	1,310	94	4,257	68	176	2	37,681	..	..	..	..	32				
	Total ..	14,243	31,078	2,144	5,358	3,96,301	73,017	1,79,121	46,231	5,357	23,546	3,218	12,273	624	595	153	7,74,006	1,885	1,914	1	367	21,361				

Wards.	SECTIONS.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other castes.	Hindus, low caste.	Mussulmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Other and unknown Castes.	Total.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other castes.
		POPULATION ACCORDING TO THE CENSUS OF 1901.																NUMBER				
1	2	3																				

e amongst all Castes by Sections during the year 1904.

Europeans.	Negro Africans.	Buddhists.	Other and unknown Castes.	Total.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other castes.	Hindus, low castes.	Musselmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Other and unknown Castes.	Total.	SECTIONS.	Wards.
RATIO OF DEATHS PER 1,000 OF POPULATION.																						
20	..	..	..	71	..	..	..	..	17·41	15·49	36·19	36·14	500·00	13·45	29·31	17·33	..	..	...	17·24	Upper Colaba ..	
21	..	..	..	606	118·11	43·68	152·64	..	55·41	58·35	37·66	16·73	22·22	24·93	19·10	19·22	..	..	..	46·63	Middle and Lower Colaba	
11	..	..	..	61	..	125·00	..	..	42·21	7·37	47·91	10·20	6·06	15·23	9·90	13·25	..	..	..	19·34	Fort, Southern ..	A
7	1	..	..	1,097	133·50	62·60	..	36·58	56·51	51·70	62·69	39·18	27·02	49·75	45·14	28·62	333·33	..	..	47·78	Fort, Northern ..	
21	..	..	1	503	76·92	59·83	..	35·15	61·01	38·01	80·47	10·35	11·47	44·21	62·50	20·45	..	..	..	48·38	Esplanade	
3	1	..	..	2,161	88·03	10·99	117·61	61·97	73·42	96·12	51·41	..	43·10	79·19	62·50	96·66	50·00	..	..	69·07	Mandvi	
9	2	..	..	1,912	194·10	49·13	..	125·00	43·64	74·50	65·09	9·52	..	52·63	..	43·77	1000·00	..	..	62·00	Chukla	B
..	17	2	..	2,862	103·49	54·74	..	..	56·06	61·19	60·91	22·22	33·41	35·90	..	..	27·27	..	..	55·05	Umerkhadi ..	
2	3	..	2	1,787	119·89	33·96	..	..	69·16	69·34	74·90	..	5·24	60·24	..	43·00	500·00	..	..	61·62	Dongri	
1	..	2	..	1,676	175·71	33·35	200·00	67·96	49·68	70·42	63·43	33·91	76·32	39·64	..	13·39	..	83·33	..	59·65	Market	
2	..	..	2	1,849	242·85	47·01	75·00	75·09	62·92	62·23	66·86	27·05	....	65·33	14·28	14·28	..	..	400·00	52·42	Dhobi Talao ..	
..	..	..	..	3,102	471·96	72·63	21·73	32·25	74·31	133·45	83·78	21·71	..	23·26	..	..	..	..	..	67·28	Panaswadi ..	C
..	1	..	..	1,923	369·70	43·92	285·71	14·92	41·24	116·09	63·57	34·88	..	..	..	..	25·00	..	..	63·61	Bhuleshwar ..	
..	2	1	..	1,531	85·24	38·03	21·71	125·00	78·21	52·29	65·10	29·64	..	14·70	..	..	181·81	40·00	..	66·27	Khara Talao ..	
..	..	..	..	1,896	153·61	19·12	42·07	250·00	70·49	61·78	63·30	9·77	233·23	24·39	..	..	..	..	..	63·83	Kumbharwada ..	
3	..	..	1	1,214	61·91	74·97	214·28	21·70	53·17	61·06	44·72	32·21	..	20·28	21·31	21·91	..	..	166·66	47·27	Khetwadi	
..	..	..	..	1,084	118·22	77·42	76·92	..	74·14	47·12	47·81	15·39	..	40·22	62·33	..	..	..	..	59·53	Girgaum	
..	..	..	..	441	141·41	29·91	1000·00	300·00	80·18	..	22·12	24·43	..	16·71	..	..	..	..	..	58·50	Chowpati	D
1	..	..	..	926	122·49	46·84	..	29·12	31·34	15·88	31·02	13·64	..	11·39	..	2·60	..	..	..	23·02	Walkeshwar ..	
4	..	..	1	829	138·21	36·82	38·46	40·54	134·40	47·40	22·86	21·52	117·64	19·41	33·71	26·84	..	..	41·66	46·52	Mahalakshmi ..	
7	1	..	..	1,690	63·23	44·38	24·48	..	64·25	43·38	74·02	68·74	130·43	54·75	42·85	16·78	..	..	..	60·30	Mazagon	
29	..	1	..	1,577	76·92	28·77	85·71	..	72·54	112·67	121·24	15·87	23·84	240·23	60·60	45·05	..	..	..	85·42	Tarwadi	
1	11	1	..	1,238	67·91	44·77	..	..	81·16	75·64	66·11	84·50	21·42	90·00	..	125·00	200·00	..	..	69·28	2nd Nagpada ..	
2	6	3	1	2,089	141·65	80·27	77·43	250·00	58·77	68·30	70·93	29·41	64·51	70·50	35·71	40·51	375·00	83·33	..	77·47	Kamathipura ..	E
9	....	..	...	1,239	91·37	68·18	17·24	..	61·01	58·23	61·19	35·29	..	85·18	67·99	60·81	..	..	..	59·11	Tardev	
3	2	..	1	3,736	105·14	63·15	83·76	..	62·56	78·43	70·07	31·17	28·67	48·62	38·22	20·83	56·95	..	500·00	65·13	Byculla	
4	....	..	...	33	40·54	..	..	..	2·34	..	4·83	..	5·34	..	61·66	70·01	..	..	..	3·59	1st Nagpada ..	
6	....	..	..	1,673	48·54	42·80	250·00	..	45·73	51·59	120·21	35·07	26·31	30·00	80·00	65·93	..	..	..	48·86	Parel	
..	..	..	..	462	70·17	12·99	1000·00	..	49·41	100·67	53·16	..	..	17·14	..	..	..	..	..	49·70	Sewri	F
2	....	..	..	1,004	42·79	14·80	181·81	22·87	42·81	63·47	56·90	20·75	..	4·40	..	28·16	..	..	..	42·09	Sion	
..	....	..	..	1,023	72·24	21·45	32·23	21·97	34·23	45·56	58·24	14·31	29·41	31·41	142·85	..	..	..	..	37·25	Mahim	G
8	....	..	..	2,413	73·89	37·87	200·00	30·76	53·13	74·29	32·01	23·53	49·04	33·56	41·66	33·89	..	..	..	52·40	Worli	
20	..	1	..	127	..	..	..	..	1·73	...	6·78	..	..	3·03	10·63	4·69	..	5·63	..	3·37	Harbour and Docks, Railway and Homeless.	
208	46	11	5	42,676	132·23	43·12	74·16	37·23	55·23	60·85	50·15	27·70	33·41	45·93	39·23	16·96	73·43	37·84	58·82	54·99	Total	
Europeans.	Negro Africans.	Buddhists.	Other and unknown Castes.	Total.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other castes.	Hindus, low castes.	Musselmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Other and unknown Castes.	Total.	SECTIONS.	Wards.
RATIO OF DEATHS PER 1,000 OF POPULATION.																						

STATEMENT showing the Number of Deaths registered from "CHOLERA" by Sections during each month of the year 1904.

1	2	3												4			5			6	7	8
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of deaths per 1,000 of population.			Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
														Male.*	Female.*	Total.	Male.*	Female.*	Total.			
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·48	Upper Colaba	A
	Middle and Lower Colaba ...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	2	...	...	·15	1·05	Middle and Lower Colaba ...	
	Fort, Southern...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	Fort, Southern...	
	Fort, Northern...	...	...	...	...	...	...	2	4	6	1	...	...	...	...	13	...	...	·56	1·07	Fort, Northern...	
	Esplanade	...	...	...	...	...	...	1	4	1	1	...	...	...	...	7	...	...	·67	1·75	Esplanade	
B	Mandvi	...	...	...	...	...	...	...	4	1	...	1	...	...	...	6	...	...	·19	1·12	Mandvi	B
	Chukla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·47	Chukla	
	Umarkhadi	...	...	...	1	...	...	1	4	1	1	...	...	...	...	8	...	...	·16	·55	Umarkhadi	
	Dongri	...	...	...	...	...	...	...	3	2	...	...	...	...	...	11	...	...	·42	1·15	Dongri	
C	Market	...	...	...	...	...	...	...	2	...	1	...	1	...	...	4	...	...	·14	·88	Market	C
	Dhobi Talao	...	...	...	...	...	...	...	2	...	2	...	1	...	...	5	...	...	·16	·97	Dhobi Talao	
	Fanaswadi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·77	Fanaswadi	
	Bhuleshwar	...	...	...	...	...	...	...	3	1	...	...	...	...	...	4	...	...	·13	·59	Bhuleshwar	
	Khara Talao	...	...	...	...	...	...	...	2	1	...	...	...	...	...	3	...	...	·12	·72	Khara Talao	
	Kumbharwada	...	...	...	...	...	...	...	2	...	...	1	...	...	...	3	...	...	·10	1·53	Kumbharwada	
D	Khetwadi	...	...	...	...	...	2	1	2	1	...	...	...	...	...	6	...	...	·22	·97	Khetwadi	D
	Girgaum...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	·06	1·31	Girgaum	
	Chowpati	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	·14	·57	Chowpati	
	Walkeshwar	...	...	...	...	...	...	...	2	2	...	...	...	...	...	4	...	...	·37	·43	Walkeshwar	
	Mahalakshmi	...	...	...	...	...	...	...	1	...	...	...	1	...	...	2	...	...	·11	·56	Mahalakshmi	
E	Mazagon	...	...	...	...	...	...	...	2	1	...	...	...	...	...	3	...	...	·10	1·68	Mazagon	E
	Tarwadi...	...	...	...	...	...	...	1	3	...	...	...	...	...	...	4	...	...	·21	1·27	Tarwadi...	
	2nd Nagpada	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	·05	·91	2nd Nagpada	
	Kamathipura	...	...	...	...	...	...	...	4	2	...	...	...	...	...	6	...	...	·22	1·66	Kamathipura	
	Tardeo	...	...	...	...	...	...	...	2	3	...	...	...	...	...	5	...	...	·23	1·63	Tardeo	
	Byculla	...	...	1	...	...	...	1	10	4	...	...	...	...	...	16	...	...	·27	1·90	Byculla	
	1st Nagpada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·12	1st Nagpada	
F	Parel	...	...	...	...	...	...	1	11	7	...	...	...	...	...	19	...	...	·56	2·60	Parel	F
	Sewri	...	...	...	...	...	...	...	7	5	...	...	3	...	...	15	...	...	1·61	1·49	Sewri	
	Sion	...	...	...	...	...	...	2	16	...	...	...	...	...	...	18	...	...	·70	·82	Sion	
G	Mahim	...	...	...	...	...	1	...	25	6	6	...	...	...	...	38	...	...	1·28	2·01	Mahim	G
	Worli	...	...	...	...	...	...	...	9	1	...	...	...	...	...	10	...	...	·21	1·51	Worli	
	Harbour and Docks, Railways and Homeless	...	...	...	...	...	...	...	1	1	...	2	...	...	...	4	...	...	·10	·34	Harbour and Docks, Railways and Homeless	
	Total ...	...	...	1	1	...	3	11	134	47	12	4	6	144	75	219	·30	·25	·28	1·17	Total ...	
Wards.	SECTIONS.													le.*	male.*	tal.	le.*	male.*	tal.	Mean ratio		s.

Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.*	Females.*	Total.	Ratio of deaths per 1,000 of population. Males.*	Females.*	Total.	Mean Ratio per 1,000 during previous five years.	SECTIONS.	Wards.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Upper Colaba	A
	Middle and Lower Colaba ...	...	...	...	1	...	...	...	...	1	2	...	3	...	...	7	...	...	·53	·75	Middle and Lower Colaba ...	
	Fort, Southern	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	...	...	·60	·28	Fort, Southern	
	Fort, Northern...	...	1	1	2	...	...	...	...	...	...	1	...	...	...	5	...	...	·21	·96	Fort, Northern	
	Esplanade	...	...	...	2	1	...	...	...	...	...	1	1	...	...	5	...	...	·48	1·07	Esplanade	
B	Mandvi	1	...	1	3	3	2	3	...	...	2	1	2	...	...	18	...	...	·57	1·74	Mandvi	B
	Chukla	1	1	...	...	1	...	...	...	1	...	...	6	...	...	10	...	...	·41	·83	Chukla	
	Umerkhadi	...	1	4	3	2	2	...	1	...	...	4	21	...	...	38	...	...	·78	·99	Umerkhadi	
	Dongri	...	...	...	3	11	5	2	1	...	...	1	7	...	...	30	...	...	1·16	1·52	Dongri	
C	Market	...	1	1	...	1	2	1	...	...	...	...	2	..	...	8	...	...	·28	1·20	Market	C
	Dhobi Talao	...	1	2	2	2	...	4	...	2	1	...	7	...	...	21	...	...	·71	1·75	Dhobi Talao	
	Fanaswadi	...	...	2	...	2	1	...	...	...	...	...	2	...	...	7	...	...	·42	1·49	Fanaswadi	
	Bhuleshwar	...	1	...	...	1	1	...	...	...	...	...	4	...	...	8	...	...	·26	·74	Bhuleshwar	
	Khara Talao	...	...	...	...	1	2	2	...	...	...	...	1	...	...	6	...	...	·25	1·29	Khara Talao	
	Kumbharwada	...	...	3	1	4	6	5	1	...	...	1	5	...	...	26	...	...	·94	2·31	Kumbharwada	
	Khetwadi	...	...	1	2	...	2	1	...	1	...	2	3	...	...	12	...	...	·44	1·11	Khetwadi	
D	Girgaum	...	...	1	...	4	...	...	1	...	...	...	1	...	...	7	...	...	·47	1·87	Girgaum	D
	Chowpati	...	...	...	...	...	...	...	...	...	...	1	1	...	...	2	...	...	·29	·92	Chowpati	
	Walkeshwar	1	...	1	1	...	...	1	...	...	...	...	...	...	...	4	...	...	·37	·34	Walkeshwar	
	Mahalakshmi	...	2	2	4	1	3	4	...	...	...	...	...	...	...	16	...	...	·88	·90	Mahalakshmi	
E	Mazagaon	...	1	2	5	12	6	4	3	1	1	...	1	...	...	36	...	...	1·28	1·15	Mazagaon	E
	Tarwadi	2	1	8	6	5	5	2	2	...	...	1	2	...	...	34	...	...	1·84	1·02	Tarwadi	
	2nd Nagpada	...	...	...	1	1	2	1	...	1	...	1	1	...	...	8	...	...	·43	1·39	2nd Nagpada	
	Kamathipura	...	...	...	1	1	3	...	1	...	...	3	10	...	...	19	...	...	·71	1·55	Kamathipura	
	Tardeo	...	...	...	2	3	4	2	1	...	...	...	2	...	...	14	...	...	·66	1·73	Tardeo	
	Byculla	4	13	33	14	5	6	1	2	...	...	...	9	...	...	87	...	...	1·50	1·94	Byculla	
	1st Nagpada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·38	1st Nagpada	
F	Parel	5	5	9	10	9	5	...	...	...	...	...	2	...	...	45	...	...	1·34	2·02	Parel	F
	Sewri	...	...	...	...	2	1	...	...	...	...	...	...	...	...	3	...	...	·32	1·87	Sewri	
	Sion	...	1	3	4	2	...	...	...	...	...	...	...	...	...	10	...	...	·39	1·47	Sion	
G	Mahim	...	2	1	...	1	...	...	1	1	...	...	...	...	...	6	...	...	·21	2·05	Mahim	G
	Worli	10	15	14	17	4	4	3	...	...	1	...	2	..	...	70	...	...	1·53	1·65	Worli	
	Harbour and Docks, Railways and Homeless ...	...	...	...	3	...	...	...	...	...	...	1	...	...	...	4	...	...	·10	·03	Harbour and Docks, Railways and Homeless ...	
	Total ...	24	46	90	87	80	62	37	14	8	7	18	95	319	249	568	·66	·84	·73	1·35	Total ...	

Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Females.	Total.	Ratio of deaths per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 during previous five years.	SECTIONS.	Wards.
1	2	3												4			5			6	7	8

* New table, information not available.

STATEMENT showing the number of Deaths registered from "MEASLES" by Sections during each month of the year 1904.

1	2	3												4			5			6	7	8
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total.	Ratio of deaths per 1,000 of population. Males.	Females.	Total.	Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.48	Upper Colaba	A
	Middle and Lower Colaba ...	3	1	...	1	2	...	...	...	..	...	...	...	...	...	7	...	...	·53	·98	Middle and Lower Colaba ...	
	Fort, Southern	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Fort, Southern	
	Fort, Northern	1	...	...	2	...	...	...	...	...	...	...	...	...	...	3	...	...	·13	·55	Fort, Northern	
	Esplanade	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·48	Esplanade	
B	Mandvi	1	1	5	1	2	4	2	1	1	1	4	9	...	...	32	...	...	1·01	1·39	Mandvi	B
	Chukla	5	1	...	...	...	...	...	...	...	...	1	1	...	...	8	...	...	·32	·87	Chukla	
	Umerkhadi	...	2	5	4	1	...	2	2	...	...	1	...	...	...	17	...	...	·35	1·37	Umerkhadi	
	Dongri	...	3	6	7	3	2	2	1	2	2	...	...	...	...	28	...	...	1·08	2·25	Dongri	
C	Market	4	1	1	1	2	...	...	...	1	...	...	...	...	...	10	...	...	·35	·88	Market	C
	Dhobi Talao	1	...	1	1	1	...	...	...	...	...	...	...	...	...	4	...	...	·13	·74	Dhobi Talao	
	Fanaswadi	...	...	...	...	...	1	...	...	...	...	1	2	...	...	4	...	...	·24	1·13	Fanaswadi	
	Bhuleshwar	...	1	2	1	2	2	1	...	1	...	...	...	...	...	10	...	...	·33	·80	Bhuleshwar	
	Khara Talao	...	...	...	1	1	...	1	...	...	...	3	2	...	...	8	...	...	·34	1·69	Khara Talao	
	Kumbharwada	1	1	4	2	...	...	...	1	...	...	1	...	...	...	10	...	...	·36	1·90	Kumbharwada	
D	Khetwadi	...	...	2	...	...	...	...	...	...	...	...	...	...	...	2	...	...	·07	1·40	Khetwadi	D
	Girgaum...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	2	...	...	·13	1·11	Girgaum	
	Chowpati	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2	...	...	·29	·46	Chowpati	
	Walkeshwar	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	·09	·17	Walkeshwar	
	Mahalakshmi	...	1	...	1	...	...	...	1	...	...	...	...	...	...	3	...	...	·16	·62	Mahalakshmi	
	Mazagaon	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	·03	1·19	Mazagaon	
	Tarwadi	...	1	1	2	2	...	1	...	1	...	...	...	...	...	8	...	...	·43	1·68	Tarwadi	
E	2nd Nagpada	...	1	2	3	1	...	1	...	...	...	1	...	...	...	9	...	...	·47	1·92	2nd Nagpada	E
	Kamathipura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·76	Kamathipura	
	Tardeo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·42	Tardeo	
	Byculla	...	1	8	6	3	2	1	3	...	...	1	...	...	...	25	...	...	·43	2·40	Byculla	
	1st Nagpada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·85	1st Nagpada	
F	Parel	...	7	4	1	1	1	...	...	...	...	...	...	...	...	14	...	...	·41	1·96	Parel	F
	Sewri	...	2	...	...	...	1	...	...	...	...	...	...	...	...	3	...	...	·32	1·12	Sewri	
G	Sion	...	1	3	2	1	...	...	...	..	...	...	...	...	...	7	...	...	·27	·77	Sion	G
	Mahim	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·03	1·04	Mahim	
	Worli	...	1	2	2	2	2	...	...	1	...	...	...	...	...	10	...	...	·21	1·43	Worli	
	Harbour and Docks, Railways and Homeless ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Harbour and Docks, Railways and Homeless ...	
	Total ...	16	27	46	41	24	16	11	9	7	4	13	15	104	125	229	·21	·42	·29	1·30	Total ...	

Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.*	Total. Females.*	Total. Total.	Ratio of deaths per 1,000 of population. Males.*	Females.*	Total.	Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
A	Upper Colaba	...	...	3	7	3	4	...	..	...	...	...	...	...	...	17	...	..	4·29	4·62	Upper Colaba	
	Middle and Lower Colaba ...	17	37	55	19	13	8	11	12	11	4	14	8	...	...	209	...	...	16·04	25·18	Middle and Lower Colaba ..	
	Fort, Southern	2	7	12	5	2	...	...	1	...	1	1	1	...	...	32	...	...	9·66	2·80	Fort, Southern	A
	Fort, Northern	42	86	89	57	20	6	2	7	8	6	4	7	...	...	334	...	...	14·54	18·82	Fort, Northern	
	Esplanade	20	21	25	19	10	5	4	1	2	...	2	2	...	...	111	...	...	10·67	11·09	Esplanade	
B	Mandvi	79	121	144	127	51	30	37	34	51	47	32	40	...	...	793	...	...	25·25	27·13	Mandvi	
	Chukla	38	120	122	49	26	11	17	15	21	12	11	30	...	...	472	...	...	19·35	13·88	Chukla	B
	Umerkhadi	69	179	181	111	42	17	6	16	18	12	8	18	...	...	677	...	...	13·96	16·17	Umerkhadi	
	Dongri	106	110	122	62	30	6	10	5	11	24	15	29	...	...	530	...	...	20·56	25·18	Dongri	
	Market	42	113	215	158	47	9	11	23	19	21	19	29	...	...	706	...	...	24·84	22·00	Market	
C	Dhobi Talao	41	118	189	110	15	...	11	8	9	20	14	7	...	...	542	...	...	18·33	16·19	Dhobi Talao...	
	Fanaswadi	17	62	199	131	34	3	6	6	6	5	5	15	...	...	489	...	...	29·90	22·99	Fanaswadi	
	Bhuleshwar	61	171	214	152	42	8	5	6	20	11	17	32	...	...	729	...	...	24·44	20·84	Bhuleshwar	C
	Khara Talao	18	104	106	64	24	8	5	5	2	12	3	8	...	...	359	...	...	15·50	17·68	Khara Talao...	
	Kumbharwada	41	116	211	186	53	6	5	5	8	11	13	15	...	...	670	...	...	24·32	28·25	Kumbharwada	
	Khetwadi	20	66	144	107	34	2	1	1	2	4	5	4	...	...	390	...	...	14·35	23·21	Khetwadi	
D	Girgaum	9	52	150	99	17	2	1	...	3	5	2	4	...	...	344	...	...	23·14	31·49	Girgaum	
	Chowpati	5	10	71	79	9	1	...	...	...	3	1	1	...	...	180	...	...	26·74	14·35	Chowpati	D
	Walkeshwar	1	...	15	35	30	...	1	1	...	2	1	4	...	...	90	...	...	8·52	10·92	Walkeshwar	
	Mahalakshmi...	29	56	139	93	12	...	1	...	1	1	5	14	...	...	351	...	...	19·40	19·02	Mahalakshmi	
	Mazagaon	31	84	149	296	75	10	7	9	5	9	17	13	...	...	615	...	...	22·01	19·59	Mazagaon	
	Tarwadi	19	48	123	124	31	10	4	6	8	7	10	15	...	...	405	...	...	21·93	21·33	Tarwadi	
	2nd Nagpada...	18	68	129	79	34	9	3	13	14	3	8	13	...	...	391	...	...	21·03	18·59	2nd Nagpada...	
E	Kamathipura...	46	197	282	122	40	18	4	11	13	12	11	13	...	...	769	...	...	28·79	30·06	Kamathipura...	E
	Tardeo	28	83	142	66	17	2	8	6	8	11	7	6	...	...	384	...	...	18·32	27·71	Tardeo	
	Byculla	46	198	438	252	62	13	19	20	32	18	22	29	...	...	1,149	...	...	19·93	25·80	Byculla	
	1st Nagpada	...	1	1	...	2	...	...	...	...	...	...	4	...	...	8	...	...	·75	18·61	1st Nagpada	
F	Parel	51	86	127	97	30	11	8	1	2	12	6	7	...	...	438	...	...	13·11	24·92	Parel	
	Sewri	2	14	29	71	16	1	1	1	...	5	7	14	...	...	158	...	...	17·00	17·99	Sewri	F
	Sion	9	19	62	126	53	4	3	2	4	3	2	3	...	...	290	...	...	11·39	17·44	Sion	
G	Mahim	2	25	53	75	53	11	4	2	...	1	2	2	...	...	230	...	...	8·39	23·53	Mahim	G
	Worli	43	94	155	197	81	43	8	3	1	5	8	17	...	...	655	...	...	14·36	23·27	Worli	
	Harbour and Docks, Railways and Homeless ...	2	6	2	1	...	...	...	...	...	...	...	...	...	...	11	...	...	·29	·57	Harbour and Docks, Railways and Homeless ...	
	Total ...	954	2,472	4,098	3,086	1,008	258	203	220	279	287	276	397	8,970	4,568	13,538	18·69	15·42	17·44	20·75	Total ...	

Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Ratio of deaths per 1,000 of population. Males.	Females.	Total.	Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
1	2	3												4			5			6	7	8

* New table, information not available.

STATEMENT showing the number of deaths registered from "MALARIA" by Sections during each month of the year 1904.

1	2	3												4			5			6	7	8
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Ratio of deaths per 1,000 of population. Males.	Females.	Total.	Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	Upper Colaba	A
	Middle and Lower Colaba ...	1	...	1	...	1	...	...	...	...	...	...	...	2	1	3	·24	·20	·23	.....	Middle and Lower Colaba ...	
	Fort, Southern...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	Fort, Southern	
	Fort, Northern... ...	1	1	2	...	...	1	...	1	...	1	4	1	4	8	12	·29	·85	·52	.....	Fort, Northern	
	Esplanade	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1	..	·31	·09	.....	Esplanade	
B	Mandvi	3	4	3	4	2	1	1	1	1	1	3	4	17	11	28	·92	·84	·89	.....	Mandvi	B
	Chukla	1	...	...	1	...	1	4	1	1	...	...	...	6	3	9	·40	·30	·36	.....	Chukla	
	Umerkhadi	7	9	5	4	4	5	4	2	4	7	6	7	29	35	64	1·01	1·76	1·32	.....	Umerkhadi	
	Dongri	5	6	5	1	1	3	1	1	...	...	...	1	10	14	24	·68	1·24	·93	.....	Dongri	
C	Market	...	...	2	...	2	2	1	2	1	2	1	...	7	6	13	·37	·61	·45	.....	Market	C
	Dhobi Talao	2	2	2	2	1	...	...	1	1	1	...	1	5	8	13	·28	·67	·43	.....	Dhobi Talao	
	Fanaswadi	...	1	1	...	...	1	...	...	...	1	...	...	3	1	4	·29	·15	·24	.....	Fanaswadi	
	Bhuleshwar	...	...	...	1	...	1	...	...	...	1	...	1	1	3	4	·05	·27	·13	.....	Bhuleshwar	
	Khara Talao	1	...	...	...	1	...	...	...	...	...	...	...	...	2	2	...	·22	·08	.....	Khara Talao	
D	Kumbharwada	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1	·06	...	·03	.....	Kumbharwada	D
	Khetwadi	...	...	...	1	...	1	...	...	...	...	...	1	3	...	3	·18	...	·11	.....	Khetwadi	
	Girgaum...	...	1	...	...	...	...	1	...	...	...	...	1	1	2	3	·10	·34	·20	.....	Girgaum...	
	Chowpati	...	...	1	...	2	...	...	...	...	...	...	...	2	1	3	·48	·38	·44	.....	Chowpati	
	Walkeshwar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	Walkeshwar	
	Mahalakshmi	1	...	...	1	...	...	1	...	...	...	...	1	2	2	4	·18	·28	·22	.....	Mahalakshmi	
	Mazagaon	1	...	2	1	1	1	3	2	4	2	...	1	11	7	18	·66	·61	·64	.....	Mazagaon	
	Tarwadi...	...	1	...	...	1	1	1	1	1	1	2	1	4	6	10	·34	·86	·54	.....	Tarwadi	
E	2nd Nagpada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	2nd Nagpada	E
	Kamathipura	...	...	...	...	...	...	...	...	...	2	...	1	2	1	3	·13	·08	·11	.....	Kamathipura	
	Tardeo	...	...	1	...	...	...	...	...	...	...	1	...	1	1	2	·08	·11	·09	.....	Tardeo	
	Byculla	2	...	1	2	...	3	...	3	9	2	3	1	16	10	26	·46	·43	·45	...	Byculla	
	1st Nagpada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	2nd Nagpada	
F	Parel	1	2	...	...	...	...	1	3	1	...	...	1	8	1	9	·39	·07	·26	.....	Parel	F
	Sewri	...	...	...	...	...	1	...	1	...	1	...	...	1	2	3	·17	·54	·32	.....	Sewri	
	Sion	...	...	...	1	...	...	...	...	...	...	2	1	4	...	4	·26	...	·15	.....	Sion	
G	Mahim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	Mahim	G
	Worli	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	·03	...	·02	.....	Worli	
	Harbour and Docks, Railways and Homeless ...	...	...	...	1	...	...	...	1	...	1	...	...	3	...	3	·08	...	·07	.....	Harbour and Docks, Railways and Homeless ...	
	Total ...	26	27	26	20	17	22	19	20	24	23	22	24	144	126	270	·30	·42	·34	.....	Total ...	

Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Ratio of deaths per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 during previous five years.	SECTIONS.	Wards.
A	Upper Colaba	...	...	2	...	....	...	...	...	...	...	1	...	...	...	3	..	...	·75	.....	Upper Colaba	A
	Middle and Lower Colaba ...	...	...	1	...	...	...	...	...	...	...	...	..	...	...	1	..	...	·07	.....	Middle and Lower Colaba ...	
	Fort, Southern	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	Fort, Southern	
	Fort, Northern	...	...	...	...	1	...	...	...	...	...	1	...	...	...	2	...	...	·08	... ..	Fort, Northern	
	Esplanade	1	1	...	...	...	...	...	...	...	1	...	...	...	...	3	...	...	·28	.....	Esplanade	
B	Mandvi	...	...	...	...	...	1	...	...	...	...	...	1	...	...	2	...	...	·06	.....	Mandvi	B
	Chukla	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	·04	.....	Chukla	
	Umarkhadi	1	1	1	...	1	1	...	...	...	...	...	...	...	...	5	...	...	·10	.....	Umarkhadi	
	Dongri	...	...	...	...	...	...	...	...	...	...	1	1	...	...	2	...	...	·07	.....	Dongri	
C	Market	...	...	2	...	...	...	1	...	...	...	...	...	...	...	3	...	...	·13	.....	Market	C
	Dhobi Talao	...	...	1	...	1	...	...	...	1	1	...	...	...	...	4	...	...	·13	.....	Dhobi Talao	
	Fanaswadi	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·06	.....	Fanaswadi	
	Bhuleshwar	...	..	...	...	...	...	...	...	...	...	1	1	...	...	2	...	...	·06	.....	Bhuleshwar	
	Khara Talao	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	Khara Talao	
	Kumbharwada	...	...	1	...	..	...	..	...	...	...	...	...	...	...	1	...	...	·03	.....	Kumbharwada	
D	Khetwadi	...	1	...	...	...	...	1	...	...	...	1	...	...	...	3	...	...	·11	.....	Khetwadi	D
	Girgaum... ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	·06	.....	Girgaum	
	Chowpati	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·14	.....	Chowpati	
	Walkeshwar	...	...	...	2	...	...	...	...	...	1	...	...	...	...	3	...	...	·28	.....	Walkeshwar	
	Mahalakshmi	...	...	...	...	...	...	...	...	1	...	..	...	...	...	1	...	...	·05	.....	Mahalakshmi	
E	Mazagon...	...	...	...	2	...	1	...	1	...	...	...	...	...	...	4	...	...	·14	.....	Mazagon	E
	Tarwadi	...	...	...	1	...	...	...	...	1	...	...	1	...	...	3	...	...	·16	.....	Tarwadi	
	2nd Nagpada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	... ..	2nd Nagpada	
	Kamathipura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	... ..	Kamathipura	
	Tardeo	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...	·09	.....	Tardeo	
	Byculla	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	·01	... ..	Byculla	
	1st Nagpada	...	...	...	...	..	..	...	...	...	...	1	...	...	...	1	...	...	·09	.....	1st Nagpada	
F	Parel	...	...	...	...	...	...	...	2	1	...	...	...	...	...	3	...	...	·08	.....	Parel	F
	Sewri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	Sewri	
	Sion	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	Sion	
G	Mahim	...	...	...	...	...	...	...	1	...	..	...	...	...	...	1	...	...	·03	.....	Mahim	G
	Worli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	Worli	
	Harbour and Docks, Railways and Homeless ...	...	1	...	...	...	...	...	..	...	...	...	...	...	...	1	...	...	·02	.....	Harbour and Docks, Railways and Homeless	
	Total ...	3	4	10	5	3	4	3	*	5	5	6	3	41	14	55	·8	·4	·07	·07	Total ...	

Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Ratio of deaths per 1,000 of population. Males.	Females.	Total.	Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
1	2	3												4			5			6	7	8

* New table, information not available.

STATEMENT showing the number of Deaths registered from "FEVERS" other than Enteric and Malaria by Sections during each month of the year 1904.

1	2	3												4			5			6	7	8
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of deaths per 1,000 of population.			Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
														*Males.	*Females.	Total.	*Males.	*Females.	Total.			
A	Upper Colaba	...	...	...	3	...	...	...	...	..	...	1	1	...	...	5	...	...	1·26	...	Upper Colaba	A
	Middle and Lower Colaba ...	2	1	3	1	2	...	3	2	3	1	2	2	...	...	22	...	...	1·68	...	Middle and Lower Colaba ...	
	Fort, Southern...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...	·30	...	Fort, Southern	
	Fort, Northern	4	5	7	3	8	7	3	8	8	6	5	9	...	...	73	...	...	3·17	...	Fort, Northern	
	Esplanade	2	3	4	1	...	...	2	1	1	2	...	2	...	...	18	...	...	1·73	...	Esplanade	
B	Mandvi	9	6	4	6	10	3	6	9	12	8	7	5	...	...	85	...	...	2·70	...	Mandvi	B
	Chukla	4	4	2	3	7	1	2	5	2	6	3	5	...	...	44	...	...	1·80	...	Chukla	
	Umarkhadi	31	33	32	20	15	14	24	13	8	4	22	20	...	...	236	...	...	4·86	...	Umarkhadi	
	Dongri	20	23	23	18	10	9	14	12	6	7	10	11	...	..	163	...	...	6·32	...	Dongri	
C	Market	4	4	7	7	9	5	6	6	9	7	4	8	...	...	76	...	...	2·67	...	Market	C
	Dhobi Talao	7	7	8	2	10	9	5	5	9	13	11	3	...	...	89	...	...	3·01	...	Dhobi Talao	
	Fanaswadi	3	4	3	1	4	1	4	3	3	5	5	3	...	...	39	...	...	2·38	...	Fanaswadi	
	Bhuleshwar	7	8	8	9	10	7	13	11	6	6	6	11	...	...	102	...	...	3·37	...	Bhuleshwar	
	Khara Talao	2	2	8	4	3	1	1	2	2	2	2	2	...	...	31	...	...	1·33	...	Khara Talao	
	Kumbharwada	2	5	4	1	5	1	...	1	2	2	...	2	...	...	25	...	...	·90	...	Kumbharwada	
D	Khetwadi	3	3	6	6	...	2	2	5	3	1	3	4	...	...	38	...	...	1·39	...	Khetwadi	D
	Girgaum	8	7	6	5	8	3	5	6	3	4	6	3	...	...	64	...	...	4·30	...	Girgaum	
	Chawpati	...	1	5	2	2	2	4	5	4	1	1	2	...	...	29	...	...	4·30	...	Chawpati	
	Walkeshwar	1	3	1	2	2	...	...	1	2	1	5	5	...	...	23	...	...	2·17	...	Walkeshwar	
	Mahalakshmi	2	5	1	2	4	1	6	6	4	10	5	4	...	...	50	...	...	2·76	...	Mahalakshmi	
E	Mazagon	9	6	6	4	3	6	10	11	13	13	9	12	...	...	102	...	...	3·65	...	Mazagon	E
	Tarwadi	2	5	1	5	13	21	7	8	7	13	12	3	...	...	97	...	...	5·25	...	Tarwadi...	
	2nd Nagpada	3	3	3	...	2	1	8	3	6	5	5	8	...	...	47	...	...	2·52	..	2nd Nagpada	
	Kamathipura	6	...	1	6	1	4	6	5	11	10	14	10	...	...	74	...	...	2·77	...	Kamathipura	
	Tardeo	3	6	3	2	1	3	7	6	5	9	9	6	...	...	60	...	...	2·86	..	Tardeo	
	Byculla	28	28	18	25	17	14	16	25	21	24	29	29	...	...	274	...	...	4·75	...	Byculla	
	1st Nagpada	...	...	1	1	...	...	...	...	...	...	...	...	...	...	2	...	...	·18	...	1st Nagpada	
F	Parel	7	4	2	...	5	4	2	7	3	4	4	1	...	...	43	...	..	1·28	...	Parel	F
	Sewri	3	1	...	...	2	...	.	...	1	1	1	...	...	...	9	...	...	·96	...	Sewri	
	Sion	4	3	6	5	5	2	6	10	5	4	2	4	...	...	56	...	...	2·20	...	Sion	
G	Mahim	3	7	3	5	1	1	6	1	6	...	1	2	...	...	36	...	...	1·31	...	Mahim	G
	Worli	12	6	2	1	4	6	4	6	11	7	9	5	...	...	73	...	...	1·60	...	Worli	
	Harbour and Docks, Railways and Homeless ...	...	...	1	...	...	...	1	...	...	1	...	1	...	...	4	...	...	·10	...	Harbour and Docks, Railways and Homeless	
	Total ...	192	193	179	150	163	128	173	183	177	177	193	183	1250	841	2091	2·60	2·83	2·69	...	Total ...	
Wards.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	*Males.	*Females.	Total.	*Males.	*Females.				Wards.

1	2	3												4			5			6	7	8
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November	December.	Total.			Ratio of deaths per 1,000 of population.			Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
														*Males.	*Females.	Total.	*Males.	*Females.	Total.			
A	Upper Colaba	...	...	2	...	...	...	...	1	1	...	...	1	...	...	5	...	...	1·28	4·38	Upper Colaba	A
	Middle and Lower Colaba ...	2	1	2	4	1	1	1	4	2	2	...	2	...	...	22	...	...	1·68	3·61	Middle and Lower Colaba ...	
	Fort, Southern	...	1	...	..	1	...	...	1	...	...	...	...	...	...	4	...	...	1·20	·28	Fort, Southern...	
	Fort, Northern...	5	3	1	5	2	8	...	6	6	3	6	6	...	...	51	...	...	2·22	5·31	Fort, Northern...	
	Esplanade	3	5	3	6	2	5	...	5	5	1	1	1	...	...	37	...	...	3·55	4·38	Esplanade	
B	Mandvi	3	6	6	6	1	5	5	7	7	5	10	1	..	...	62	...	...	1·97	4·65	Mandvi	B
	Chukla	6	7	10	8	8	9	4	4	...	4	5	3	...	...	68	...	...	2·78	3·85	Chukla	
	Umerkhadi	14	12	15	20	10	10	13	20	15	9	13	10	...	...	161	...	...	3·32	5·23	Umerkhadi	
	Dongri	6	6	9	9	8	5	10	16	9	18	10	22	...	...	128	...	...	4·96	7·10	Dongri	
C	Market	5	4	11	7	7	3	3	7	8	4	6	6	...	...	71	...	...	2·49	4·63	Market	C
	Dhobi Talao	11	8	9	2	4	8	5	14	9	2	5	5	...	...	82	...	...	2·77	4·53	Dhobi Talao	
	Fanaswadi	7	5	1	4	...	6	7	5	6	3	5	4	...	...	53	...	...	3·24	4·32	Fanaswadi	
	Bhuleshwar	8	7	5	9	9	6	16	10	7	8	8	12	...	...	99	...	...	3·27	5·55	Bhuleshwar	
	Khara Talao	13	14	10	13	11	16	13	12	11	11	9	7	...	...	140	...	...	6·04	4·89	Khara Talao	
	Kumbharwada	4	8	7	8	11	10	13	16	7	8	8	8	...	...	108	...	...	3·92	5·78	Kumbharwada	
D	Khetwadi	4	3	7	1	4	5	10	15	8	5	12	4	...	...	78	...	...	2·50	5·10	Khetwadi	D
	Girgaum...	8	8	6	4	5	5	5	4	3	3	4	5	...	...	60	...	...	4·03	5·93	Girgaum	
	Chawpati	...	...	...	1	...	2	3	1	3	2	2	1	...	...	15	...	...	2·22	3·12	Chawpati ...*	
	Walkeshwar	3	1	1	1	...	2	1	...	1	2	1	2	...	...	15	...	...	1·42	2·34	Walkeshwar	
	Mahalakshmi	6	4	7	6	2	4	1	6	7	2	1	7	...	...	53	...	...	2·92	3·73	Mahalakshmi	
E	Mazagon...	9	9	7	11	13	8	15	22	18	10	5	10	...	...	137	...	...	4·90	5·85	Mazagon	E
	Tarwadi...	15	9	12	18	11	20	13	14	17	15	4	8	...	...	156	...	...	8·45	9·59	Tarwadi	
	2nd Nagpada	5	4	4	5	5	7	2	2	5	8	3	3	...	...	53	...	...	2·85	7·66	2nd Nagpada	
	Kamatipura	12	11	14	11	11	12	12	18	16	12	13	15	..	...	157	...	...	5·50	9·88	Kamatipura	
	Tardeo	12	9	6	4	3	13	9	19	11	15	8	19	...	...	128	...	...	6·10	9·57	Tardeo	
	Byculla	20	13	16	22	15	15	24	29	23	14	13	23	...	...	227	...	...	3·76	7·56	Byculla	
	1st Nagpada	...	...	...	...	1	...	...	...	...	...	1	...	...	...	2	...	...	0·18	5·55	1st Nagpada	
F	Parel	11	10	12	12	8	9	8	16	9	7	6	8	...	...	116	...	...	3·47	6·81	Parel	F
	Sewri	5	2	5	4	...	...	3	5	3	2	2	6	...	...	37	...	...	3·98	6·24	Sewri	
	Sion	4	6	6	12	2	6	6	10	4	8	3	6	...	...	73	...	...	2·86	6·10	Sion	
G	Mahim	7	9	5	7	5	5	8	16	11	5	12	9	...	...	99	...	...	3·61	10·61	Mahim	G
	Worli	17	19	13	16	22	23	29	30	35	21	18	26	...	...	269	...	...	5·90	7·48	Worli	
	Harbour and Docks, Railways and Homeless ...	...	...	...	5	2	2	...	1	...	6	...	2	...	...	18	...	...	0·47	7·25	Harbour and Docks, Railways and Homeless.... ..	
	Total ...	225	204	212	241	184	230	233	336	267	215	194	243	1,540	1,244	2,784	3·20	4·19	3·58	5·81	Total ...	
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of deaths per 1,000 of population.			Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
														Males.	Females.	Total.	Males.	Females.	Total.			
1	2	3												4			5			6	7	8*

* New table, information not available.

STATEMENT showing the number of Deaths registered from "TUBERCLE OF LUNGS including other TUBERCULAR DISEASES" by Sections during each month of the year 1904.

1	2	3												4			5			6	7	8
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Ratio of deaths per 1,000 of population. Males.	Females.	Total.	Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	Upper Colaba	A
	Middle and Lower Colaba ...	...	...	...	3	...	1	2	...	...	2	1	...	8	1	9	·98	·20	·69	.....	Middle and Lower Colaba ...	
	Fort, Southern	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	Fort, Southern	
	Fort, Northern	1	...	1	1	...	...	...	1	...	2	2	...	3	5	8	·22	·53	·34	.....	Fort, Northern	
	Esplanade	1	2	2	1	6	3	1	2	3	2	3	2	22	6	28	3·02	1·91	2·69	.....	Esplanade	
	Mandvi	2	...	2	2	4	3	2	2	2	1	3	1	18	6	24	·97	·46	·76	.....	Mandvi	
B	Chukla	2	3	1	2	1	3	1	3	3	...	2	4	13	12	25	·88	1·23	1·02	.....	Chukla	B
	Umerkhadi	14	8	13	10	9	10	8	14	12	7	10	6	52	69	121	1·81	3·47	2·49	.....	Umerkhadi	
	Dongri	6	1	1	2	1	2	1	6	...	2	1	4	12	15	27	·82	1·33	1·04	.....	Dongri	
	Market	...	...	1	3	4	2	2	1	1	...	...	2	9	7	16	·48	·72	·56	.....	Market	
	Dhobi Talao	...	4	2	1	1	3	3	2	3	...	5	4	19	9	28	1·07	·76	·94	.....	Dhobi Talao	
C	Fanaswadi	1	...	1	...	...	...	1	...	2	1	2	...	3	5	8	·29	·79	·48	.....	Fanaswadi	C
	Bhuleshwar	2	2	4	...	2	1	1	3	...	...	5	5	14	11	25	·73	·99	·82	.....	Bhuleshwar	
	Khara Talao	...	2	...	1	3	2	1	1	1	1	3	...	7	8	15	·49	·88	·64	.....	Khara Talao	
	Kumbharwada	1	...	2	1	3	...	3	1	1	...	...	...	5	7	12	·30	·62	·43	.....	Kumbharwada	
	Khetwadi	1	...	1	1	1	...	1	3	2	2	1	1	10	4	14	·61	·36	·51	.....	Khetwadi	
	Girgaum...	1	...	1	3	1	...	...	...	...	4	..	1	7	4	11	·76	·39	·73	.....	Girgaum...	
D	Chawpati	1	...	1	...	...	...	...	...	...	...	1	...	2	1	3	·48	·38	·44	.....	Chawpati	D
	Walkeshwar	...	...	1	...	...	...	...	...	..	...	1	...	1	1	2	·14	·27	·18	.....	Walkeshwar	
	Mahalakshmi	...	2	...	...	...	...	...	...	...	...	1	...	1	2	3	·09	·28	·16	.....	Mahalakshmi	
	Mazagon	1	1	1	...	1	2	...	...	...	...	3	...	7	2	9	·42	·17	·32	.....	Mazagon	
	Tarwadi	2	2	4	6	5	6	1	4	4	5	7	40	10	50	3·47	1·43	2·70	.....	Tarwadi	
	2nd Nagpada	5	3	3	7	2	...	1	1	1	2	2	..	11	16	27	1·03	2·01	1·45	.....	2nd Nagpada	
E	Kamathipura	9	2	2	2	5	2	1	...	2	3	2	17	15	32	1·11	1·31	1·19	.....	Kamathipura	E	
	Tardeo	1	2	5	1	6	2	...	...	5	...	1	...	13	10	23	1·06	1·14	1·09	.....	Tardeo	
	Byculla	6	1	4	4	2	1	2	...	2	5	3	...	17	13	30	·49	·56	·52	.....	Byculla	
	1st Nagpada	...	...	...	...	1	...	...	...	...	1	...	...	1	1	2	·15	·23	·18	.....	1st Nagpada	
F	Parel	...	1	...	1	1	...	1	1	1	...	1	...	2	5	7	·09	·38	·29	.....	Parel	F
	Sewri	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	17	...	·10	.....	Sewri	
	Sion	...	...	2	...	1	...	2	...	...	...	...	1	4	2	6	·26	·19	·23	.....	Sion	
G	Mahim	...	...	...	...	...	...	1	1	...	...	...	1	2	1	3	·12	·08	·10	.....	Mahim	G
	Worli	3	...	...	1	...	...	1	...	..	1	...	...	6	...	6	·21	...	·13	.....	Worli	
	Harbour and Docks, Railways and Homeless ...	...	...	...	2	...	...	...	...	...	...	...	...	2	...	2	·05	...	·05	.....	Harbour and Docks, Railways and Homeless ..	
	Total ...	60	37	55	55	57	46	38	47	45	38	58	41	329	248	577	·68	·83	·74	·71	Total ...	

Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.*	Total. Females.*	Total. Total.	Ratio of deaths per 1,000 of population. Males.*	Ratio of deaths per 1,000 of population. Females.*	Ratio of deaths per 1,000 of population. Total.	Mean Ratio per 1,000 during previous five years.	SECTIONS.	Wards.
A	Upper Colaba	1	3	...	...	2	1	...	...	1		2	1	...	...	11	...	...	2·78	2·43	Upper Colaba	A
	Middle and Lower Colaba ...	21	16	9	13	14	6	11	14	9	16	15	8	...	...	152	...	...	11·67	6·03	Middle and Lower Colaba ...	
	Fort, Southern...	1	1	1	1	2	1	...	2	...	2	1	...	...	...	12	...	...	3·62	1·12	Fort, Southern...	
	Fort, Northern...	21	15	13	15	18	20	26	17	21	19	16	21	...	...	222	...	...	9·67	9·06	Fort, Northern...	
B	Esplanade	6	9	10	4	5	5	8	13	6	8	8	16	...	...	98	...	...	9·42	6·52	Esplanade	B
	Mandvi	48	48	55	39	43	37	42	45	51	51	49	50	...	...	558	...	...	17·75	15·43	Mandvi	
	Chukla	29	62	56	34	33	17	39	31	40	26	30	41	...	...	438	...	...	17·96	15·70	Chukla	
	Umerkhadi	81	84	69	58	69	46	60	46	62	77	68	80	...	...	800	...	...	16·50	15·87	Umerkhadi	
	Dongri	33	23	37	25	24	20	27	37	37	30	33	33	...	...	359	...	...	13·92	14·64	Dongri	
C	Market	35	42	32	24	28	24	27	23	30	39	33	28	...	...	365	...	...	12·84	8·92	Market	C
	Dhobi Talao	28	31	29	23	22	29	16	30	22	35	30	31	...	...	326	...	...	11·03	8·01	Dhobi Talao	
	Fanaswadi	25	15	18	15	26	18	27	31	16	18	24	14	...	...	247	...	...	15·10	8·28	Fanaswadi	
	Bhuleshwar	36	37	40	34	38	36	32	43	32	41	41	54	...	...	464	...	...	15·34	12·72	Bhuleshwar	
	Khara Talao	36	61	56	48	40	53	39	45	46	58	37	47	...	...	566	...	...	24·43	17·11	Khara Talao	
	Kumbharwada...	48	56	64	50	57	51	45	48	44	61	46	58	...	...	628	...	...	22·79	14·31	Kumbharwada	
D	Khetwadi	40	35	41	26	21	25	26	25	33	39	36	35	...	...	382	...	...	14·06	10·56	Khetwadi	D
	Girgaum...	16	21	19	13	13	20	10	11	19	25	33	24	...	...	224	...	...	15·06	10·90	Girgaum	
	Chawpati	12	8	11	6	5	2	9	4	7	8	13	15	...	...	100	...	...	14·86	4·62	Chawpati	
	Walkeshwar	7	4	8	7	7	2	3	2	4	6	3	6	...	...	59	...	...	5·58	3·20	Walkeshwar	
	Mahalakshmi	12	13	6	13	8	5	12	9	8	11	13	14	...	...	124	...	...	6·85	5·88	Mahalakshmi	
E	Mazagaon	21	22	33	31	26	25	27	27	21	32	25	31	...	...	321	...	...	11·49	10·49	Mazagaon	E
	Tarwadi...	19	15	18	23	14	17	18	25	25	38	23	28	...	...	263	...	...	14·24	11·38	Tarwadi	
	2nd Nagpada	22	18	17	32	26	23	22	34	36	26	39	29	...	...	324	...	...	17·42	16·56	2nd Nagpada	
	Kamathipura	30	29	26	28	31	35	46	35	38	45	47	49	...	...	439	...	...	16·43	14·79	Kamathipura	
	Tardeo	18	18	15	18	17	21	28	19	22	20	22	36	...	...	254	...	...	12·11	10·95	Tardeo	
	Byculla	68	72	105	64	56	55	74	89	81	87	82	84	...	...	917	...	...	15·90	11·41	Byculla	
	1st Nagpada	1	...	...	...	1	...	...	...	...	...	1	...	...	...	3	...	...	0·28	9·07	1st Nagpada	
F	Parel	23	36	32	33	43	34	32	38	48	35	30	38	...	...	424	...	...	12·69	10·56	Parel	F
	Sewri	10	6	8	9	6	9	6	11	6	12	10	15	...	...	108	...	...	11·62	6·62	Sewri	
G	Sion	13	20	19	26	16	8	10	27	18	15	15	35	...	...	222	...	...	8·72	6·70	Sion	G
	Mahim	30	19	25	27	23	16	25	15	19	24	28	35	...	...	286	...	...	10·44	13·17	Mahim	
	Worli	42	52	39	52	35	36	51	69	48	49	54	67	...	...	594	...	...	13·02	8·38	Worli	
	Harbour and Docks, Railways and Homeless ...	2	2	1	5	...	...	2	1	...	4	1	2	...	...	20	...	...	0·53	·41	Harbour and Docks, Railways and Homeless ...	
	Total ...	835	893	912	798	769	697	800	866	850	957	908	1,025	5,274	5,076	10,310	10·99	17·13	13·28	10·90	Total	

Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Ratio of deaths per 1,000 of population. Males.	Ratio of deaths per 1,000 of population. Females.	Ratio of deaths per 1,000 of population. Total.	Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
1	2	3												4			5			6	7	8

* Now table, information not available.

STATEMENT showing the number of Deaths registered from "INJURIES" by Sections during each month of the year 1904.

1	2	3												4			5			6	7	8
Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.*	Total. Females.*	Total.	Ratio of deaths per 1,000 of population. Males.*	Females.*	Total.	Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·48	Upper Colaba	A
	Middle and Lower Colaba ...	...	...	1	1	2	1	...	...	...	...	1	1	...	...	7	...	...	0·53	·98	Middle and Lower Colaba ...	
	Fort, Southern	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	0·30	·28	Fort, Southern	
	Fort, Northern	1	3	...	3	...	2	...	1	1	1	2	...	...	...	14	...	...	0·60	1·48	Fort, Northern	
	Esplanade	2	2	1	4	2	3	1	2	3	2	5	2	...	...	29	...	...	2·78	3·70	Esplanade	
B	Mandvi	2	...	1	2	3	1	2	...	2	1	5	4	...	...	23	...	...	0·73	1·12	Mandvi	B
	Chukla	2	...	...	...	2	...	1	2	1	...	1	...	...	...	9	...	...	0·36	·69	Chukla	
	Umerkhadi	2	1	4	1	3	1	...	2	2	4	2	2	...	...	24	...	...	0·49	·53	Umerkhadi	
	Dongri	2	1	2	2	4	2	4	2	1	3	4	2	...	...	29	...	...	1·12	·79	Dongri	
C	Market	2	...	1	2	2	1	2	2	2	2	1	2	...	...	19	...	...	0·66	·80	Market	C
	Dhobi Talao	2	2	4	...	1	2	3	1	2	1	3	3	...	...	24	...	...	0·81	·77	Dhobi Talao	
	Fanaswadi	...	...	1	...	1	1	2	...	...	1	1	...	...	...	7	...	...	0·42	·72	Fanaswadi	
	Bhuleshwar	2	4	1	...	2	5	2	1	1	2	4	5	...	...	29	...	...	0·95	·83	Bhuleshwar	
	Khara Talao	...	1	2	...	...	1	1	3	2	...	1	2	...	...	13	...	...	0·56	·97	Khara Talao	
	Kumbharwada	...	1	...	...	...	...	1	2	...	...	3	...	...	...	7	...	...	0·25	·81	Kumbharwada	
D	Khetwadi	4	1	1	2	3	2	1	...	4	3	...	...	...	...	21	...	...	0·77	·75	Khetwadi	D
	Girgaum	1	2	1	...	...	...	...	...	2	...	1	1	...	...	8	...	...	0·53	1·16	Girgaum	
	Chawpati	1	...	...	...	1	...	...	...	1	...	...	...	...	...	3	...	...	0·44	·57	Chawpati	
	Walkeshwar	...	1	...	1	1	...	...	...	...	1	...	2	...	...	6	...	...	0·56	·60	Walkeshwar	
	Mahalakshmi	...	2	1	...	...	...	...	3	1	2	1	...	...	...	10	...	...	0·55	·39	Mahalakshmi	
E	Mazagaon	...	2	2	...	...	4	1	1	2	1	2	3	...	...	18	...	...	0·64	·92	Mazagaon	E
	Tarwadi	5	4	5	13	5	5	6	5	5	2	1	2	...	...	58	...	...	3·14	2·65	Tarwadi	
	2nd Nagpada	1	2	...	1	2	1	...	1	..	1	2	1	...	...	12	...	...	0·64	·85	2nd Nagpada	
	Kamathipura	1	4	3	3	2	1	1	4	4	...	1	3	...	...	27	...	...	1·01	1·44	Kamathipura	
	Tardeo	1	...	...	1	...	1	...	1	...	...	2	1	...	...	7	...	...	0·33	1·09	Tardeo	
	Byculla	2	1	4	5	3	1	3	4	1	2	4	1	...	...	31	...	...	0·53	·85	Byculla	
	1st Nagpada	1	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	0·18	·27	1st Nagpada	
F	Parel	3	2	2	...	2	1	...	2	1	2	2	...	...	...	17	...	...	0·50	·95	Parel	F
	Sewri	...	1	1	...	...	...	1	...	...	...	...	...	...	...	3	...	...	0·32	·74	Sewri	
G	Sion	...	...	1	5	2	2	2	1	3	3	2	1	...	...	22	...	...	0·86	·60	Sion	G
	Mahim	...	1	3	1	2	1	2	1	1	3	1	...	...	...	16	...	...	0·58	·96	Mahim	
	Worli	6	2	3	2	1	3	2	3	2	4	1	7	...	...	36	...	...	0·78	·63	Worli	
	Harbour and Docks, Railways and Homeless ...	2	...	...	6	8	2	2	2	1	1	2	...	...	...	26	...	...	0·69	·66	Harbour and Docks, Railways and Homeless ...	
	Total ...	45	40	46	55	54	44	40	47	45	42	55	45	398	160	558	·82	·54	0·71	·92	Total	

Wards.	SECTIONS.	3 January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	4 Total. Males.*	Females.*	Total.	5 Ratio of deaths per 1,000 of population. Males.*	Females.*	Total.	6 Mean ratio per 1,000 during previous five years.	7 SECTIONS.	8 Wards.
A	Upper Colaba	2	2	2	6	1	2	2	2	3	3	2	3	...	...	30	...	...	7·58	.....	Upper Colaba	A
	Middle and Lower Colaba ...	19	21	16	16	14	8	8	10	17	18	15	12	...	...	174	...	...	13·36	.....	Middle and Lower Colaba ...	
	Fort, Southern	1	...	...	...	1	1	1	1	...	2	2	2	...	...	11	...	...	3·32	.....	Fort, Southern	
	Fort, Northern	40	27	25	28	23	26	19	34	41	40	33	32	...	...	368	...	...	16·03	.....	Fort, Northern	
	Esplanade	21	15	19	13	24	14	11	14	21	13	8	21	...	...	194	...	...	18·65	.....	Esplanade	
B	Mandvi	39	41	52	45	48	41	46	47	59	48	49	47	...	...	562	...	...	17·89	.....	Mandvi	B
	Chukla	40	40	37	39	42	31	31	30	36	39	40	48	...	...	453	...	...	18·57	.....	Chukla	
	Umerkhadi	65	64	78	81	68	66	62	87	70	60	64	67	...	...	832	...	...	17·16	.....	Umerkhadi	
	Dongri	52	40	40	29	30	29	31	56	46	38	46	46	...	...	483	...	...	18·73	.....	Dongri	
C	Market	32	28	34	35	36	31	34	50	29	39	42	31	...	...	421	...	...	14·81	....	Market	C
	Dhobi Talao	37	41	33	31	27	23	52	33	37	34	43	48	...	...	439	...	...	14·85	.....	Dhobi Talao	
	Fanaswadi	22	21	16	18	14	17	28	29	18	19	22	27	...	...	251	...	...	15·34	.....	Fanaswadi	
	Bhuleshwar	48	36	50	36	26	33	41	39	30	38	44	41	...	...	462	...	...	15·28	.....	Bhuleshwar	
	Khara Talao	29	36	32	35	43	25	40	38	37	31	18	43	...	...	407	...	...	17·57	.....	Khara Talao	
	Kumbharwada	30	30	32	23	36	29	44	37	32	39	33	52	...	...	417	...	...	15·13	.....	Kumbharwada	
D	Khetwadi	32	18	28	32	25	31	22	33	30	23	39	36	...	...	349	...	...	12·84	.....	Khetwadi	D
	Girgaum	34	24	27	22	21	28	21	21	29	41	25	27	...	...	320	...	...	21·52	.....	Girgaum	
	Chawpati	11	10	7	9	4	6	15	13	10	7	20	13	...	...	125	...	...	18·57	.....	Chawpati	
	Walkeshwar	9	7	10	6	9	5	6	2	4	4	17	12	...	...	91	...	...	8·61	.....	Walkeshwar	
	Mahalakshmi	22	24	22	18	12	15	19	15	16	11	12	29	...	...	215	...	...	11·88	.....	Mahalakshmi	
E	Mazagaon	30	27	48	36	41	24	22	39	35	35	49	49	...	...	435	...	...	15·57	.....	Mazagaon	E
	Tarwadi	38	43	30	50	57	40	29	47	51	50	48	56	...	...	539	...	...	29·19	.....	Tarwadi	
	2nd Nagpada	45	28	42	39	44	24	27	36	40	40	40	38	...	...	443	...	...	23·82	.....	2nd Nagpada	
	Kamathipura	56	55	50	48	44	33	36	47	42	53	56	55	...	...	575	...	...	21·53	.....	Kamathipura	
	Tardeo	25	34	34	41	26	25	27	37	27	34	38	35	...	...	383	...	...	18·27	.....	Tardeo	
	Byculla	72	75	117	89	71	65	68	75	82	91	92	106	...	...	1,003	...	...	17·39	.....	Byculla	
	1st Nagpada	1	1	1	...	5	...	2	2	2	3	2	1	...	...	20	...	...	1·89	.....	1st Nagpada	
F	Parel	31	29	47	39	47	36	35	55	40	48	41	49	...	...	497	...	...	14·88	.....	Parel	F
	Sewri	10	10	13	11	12	7	9	13	8	13	5	12	...	...	123	...	...	13·23	.....	Sewri	
	Sion	33	27	36	31	29	18	29	48	43	35	26	37	...	...	392	...	...	15·40	.....	Sion	
G	Mahim	28	20	33	29	16	8	26	28	25	27	28	42	...	...	310	...	...	11·31	.....	Mahim	G
	Worli	58	54	61	62	39	34	68*	65	67	64	58	64	...	...	694	...	...	15·22	.....	Worli	
	Harbour and Docks, Railways and Homeless	3	4	4	8	3	2	...	1	4	2	3	2	...	...	36	...	...	0·95	.....	Harbour and Docks, Railways and Homeless	
	Total ...	1,015	932	1,076	1,005	938	777	911	1,084	1,031	1,042	1,060	1,183	6,295	5,759	12,054	13·12	19·44	15·53	.....	Total	

Wards.	SECTIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Females.	Total.	Ratio of deaths per 1,000 of population. Males.	Females.	Total.	Mean ratio per 1,000 during previous five years.	SECTIONS.	Wards.
1	2	3												4			5			6	7	8

* New table, information not available.

XVIII.

STATEMENT comparing the Deaths from some of the "PRINCIPAL CAUSES" during the year 1904 with the Deaths during the preceding four years.

YEARS.	Cholera.		Small-pox.		Measles.		Plague.		Malaria.		Enteric fevers.		Other fevers.		Dysentery and Diarrhœa.		Tubercle including Tubercle of Lungs.		Phthisis.		Diseases of the Respiratory System.		Injuries.		All other Causes.	
	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.
1900 ...	4,273	5·19	3,018	3·67	1,500	1·82	13,285	16·16	...	...	60	·07	...	..	8,676	10·55	459	·55	8,199	9·97	4,323	5·26	1,072	1·30	34,485	41·84
1901 ...	198	·25	159	·20	67	·08	18,736	24·14	...	...	62	·07	...	...	3,716	4·78	573	·73	6,516	8·39	1,288	1 65	764	·98	27,416	35·32
1902 ...	75	·09	288	·37	642	·82	13,820	17·80	...		89	·11	...	.	3,643	4·69	638	·82	3,957	5·09	3,293	4·24	732	·94	21,237	27·36
1903 ...	17	·02	1,477	1·90	1,115	1·43	20,788	26·78	...	...	45	·05	...	...	2,760	3·55	633	·81	2,842	3·66	4,259	5·48	547	·70	16,030	20·65
1904 ...	219	·28	568	·73	229	·29	13,538	17·44	270	·34	55	·07	2,091	2·69	2,784	3·58	577	·74	2,971	3·82	7,359	9·45	558	·72	13,838	17·83
Mean...	956	1·21	1,102	1·40	711	0·90	16,033	20·42	...	...	62	·07	...	...	4,316	5·49	576	0·73	4,897	6·23	4,100	5·22	735	0·93	22,601	28·78

YEARS.	Cholera.		Small-pox.		Measles.		Plague.		Malaria.		Enteric fevers.		Other fevers.		Dysentery and Diarrhœa.		Tubercle including Tubercle of Lungs.		Phthisis.		Diseases of the Respiratory System.		Injuries.		All other Causes.	
	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.	Deaths.	Rate per 1,000.

CAUSES OF DEATHS arranged according to the Nomenclature of Diseases drawn up by the COMMITTEE OF ROYAL COLLEGE OF PHYSICIANS OF LONDON for 1904.

		No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
General Diseases.	A.	1	Small-pox	21	46	90	87	80	62	37	14	8	7	18	95	568
		3	Chicken-pox	...	3	...	2	2	...	...	...	...	...	1	...	8
			" " and Pneumonia	2	2	1	1	...	...	...	...	...	...	...	...	6
		4	Measles	15	22	37	31	23	16	7	8	4	4	12	11	190
			" and Pneumonia	...	2	6	8	...	...	1	1	2	...	...	1	21
			" " Broncho-Pneumonia	...	...	...	...	...	...	...	...	...	...	1	1	1
			" " Bronchitis	...	...	1	...	...	...	...	...	...	...	...	...	1
			" " Convulsion	...	...	...	...	...	...	...	...	...	...	...	...	2
			" " Diarrhœa	...	2	1	2	...	...	1	...	...	...	1	1	6
			" " Fever	1	...	...	...	...	...	1	...	...	...	...	...	3
			" " Exhaustion	...	...	...	...	1	...	1	...	1	...	...	...	2
			" " Heart Failure	...	1	...	...	...	...	...	...	...	...	...	...	1
			" " Dysentery	...	...	1	...	...	...	...	...	...	...	...	...	2
		8	Plague	954	2,472	4,098	3,086	1,908	258	262	220	279	287	276	397	13,538
		9	Relapsing Fever	13	14	15	11	3	3	1	20	9	8	4	13	114
		11	Influenza	1	4	...	...	...	...	...	...	1	...	...	...	6
		12	Whooping Cough	1	3	2	1	2	3	1	...	...	1	3	3	20
		13	Mumps	...	...	...	...	1	...	...	...	1	...	...	...	1
		14	Diphtheria	...	1	...	...	...	...	...	1	...	...	...	...	3
		15	Cerebro-Spinal Fever	...	...	2	...	1	...	...	...	1	...	...	...	5
			" " Meningitis	...	1	...	...	2	...	...	1	...	...	...	...	7
		16	Simple Continued Fever	2	...	1	2	...	1	4	2	2	1	4	...	20
			" " " Febricula	...	...	...	...	...	...	...	1	...	...	...	...	1
			" " " and Failure of Heart	...	...	...	...	...	...	1	...	...	...	...	...	1
			" " " Due to Hepatic Congestion	...	...	...	...	...	...	...	1	...	...	...	...	1
			" " " and Senility	...	...	...	...	...	...	1	...	...	...	...	...	6
			" " " and Diarrhœa	...	...	...	...	...	2	...	...	...	...	...	3	2
			" " " and Bronchitis	...	...	...	...	...	3	1	5	...	...	...	2	14
			" " " and Dentition	...	...	...	...	...	...	...	1	...	...	...	...	1
			" " " and Anæmia	...	...	...	...	...	...	...	1	1	...	...	1	3
			" " " Convulsion	...	...	...	...	...	...	...	...	...	...	2	1	3
			" " " and Debility	...	...	...	...	...	...	...	...	...	...	...	1	1
			" " " Gastro Enteritis	...	...	...	...	...	...	...	...	...	...	...	4	4
			" " " and Scrofulla	...	...	...	...	...	...	...	...	...	...	...	1	1
			" " " and Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	1
			" " " Scrofula Granular Enlargement	...	...	...	...	...	...	...	...	...	...	...	...	1
		17	Enteric Fever	3	4	10	5	3	4	3	4	5	5	6	3	55
			Typho-Remittent Fever	1	2	4	4	4	1	4	4	1	3	1	2	31
		18	Cholera	...	...	1	1	...	3	11	134	47	12	4	6	219
		20	Diarrhœa	121	135	132	169	123	165	365	230	191	136	131	163	1,862

No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	General Diseases—(contd.)													
	A													
21	Dysentery	104	69	80	72	61	65	68	106	76	79	63	78	921
23	Beri-Beri	...	...	...	1	...	...	...	...	...	2	...	1	4
24	Malarial Fever	24	27	21	12	6	8	12	13	17	10	11	18	179
	,, with Head Symptoms	...	...	...	...	...	1	...	...	...	...	...	...	1
	Malaria Paralysis	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fever and Bronchitis	1	...	2	...	1	...	1	1	...	...	1	...	6
	,, and Senility	...	...	...	...	...	1	...	...	...	...	...	...	2
	,, and Anæmia	...	...	...	...	1	...	1	...	1	4	...	2	9
	,, with Kidney and Liver Complication	...	...	...	...	...	...	...	...	...	1	...	...	1
	and Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pleurisy	...	...	1	2	...	...	...	...	...	1	...	1	4
	General Debility	...	...	...	...	1	...	...	...	...	...	...	...	1
	Diarrhœa	...	...	3	1	...	...	...	...	...	...	...	...	4
	Cachexia	...	...	1	...	1	...	4	...	3	2	1	2	14
	,, Splenic	...	...	...	...	...	...	1	...	...	2	...	2	6
	,, Fever and Chronic Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...
	Malarial Fever—													
	(a) Intermittent Fever	...	3	1	1	...	1	...	...	1	...	...	1	27
	Malarial Remittent Fever	1	...	4	3	1	2	...	2	2	3	2	...	1
	Fever and Convulsion	...	...	...	...	...	1	...	...	...	...	...	...	1
	,, Rickets	...	...	...	...	1	...	...	...	1	3	...	2	8
	,, Cardiac Failure	...	...	...	...	5	1	...	...	2	3	2	2	21
	,, General Debility	...	...	...	...	...	...	...	...	...	...	...	...	6
	,, Meningitis	...	...	...	...	2	...	...	...	...	...	...	...	1
	,, Hæmorrhœ	...	...	...	...	...	1	1	...	...	...	...	...	1
	,, Jaundice	...	1	...	...	1	...	...	...	...	...	1	...	3
	,, Septicæmia	...	...	...	...	...	...	...	...	...	...	...	...	2
	,, Cirrhosis of Liver	...	...	...	...	...	...	...	...	1	...	...	...	1
	,, Gastric Catarrh	...	...	...	...	...	...	1	...	...	...	...	...	2
	,, Teething	...	...	...	...	...	...	...	...	...	...	...	1	1
	,, Valvular	...	...	...	...	...	1	...	...	...	...	...	...	1
	,, Extreme Exhaustion	...	...	...	...	...	...	2	...	...	...	...	1	1
	,, Enlarged Spleen	2	...	...	...	1	...	...	...	...	...	...	...	5
	,, Congestion of Lungs	...	156	145	118	3	83	4	146	167	149	169	129	1,466
	(b) Remittent Fever	138	...	...	...	117	4	121	...	1	1	1	...	11
	,, and General Atrophy	...	...	...	...	...	...	4	1	...	...	...	...	1
	,, Bronchial Catarrh	...	...	...	...	...	...	...	3	1	1	4	7	16
	,, Pneumonia, Double	29	13	12	10	9	4	13	1	8	1	...	...	109
	,, Broncho-Pneumonia	...	...	...	...	1	...	1	...	...	...	...	...	2
	,, Chronic Bronchitis	4	3	1	5	8	2	5	7	5	3	10	13	66
	,, Bronchitis Capillary	...	...	...	...	...	4	...	...	...	...	...	...	4
	,, Sunstroke	...	...	...	...	...	...	...	...	...	...	1	...	1
	,, Asthma	1	...	...	...	...	...	...	...	1	...	...	3	5
	,, Following Tetanus	...	...	...	...	...	...	...	...	...	...	1	...	1
	,, Congestion of Brain	...	...	...	...	...	...	1	...	...	1	...	...	4
	,, and Vomiting	...	...	...	...	...	5	1	4	...	1	1	...	13
	,, Diarrhœa	8	4	...	2	4	6	2	...	...	...	...	...	96
	,, with Aortic Congestion	...	...	...	...	...	...	1	...	...	...	...	...	1

B.

General Diseases—(contd.)

| | | |

		No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
General Diseases—(contd.)	B.		Tubes Mesenterica	...	...	...	...	...	...	1	...	2	...	...	...	3
			Scrofula	8	1	1	4	8	7	10	5	9	10	11	6	80
			" Ulcer	...	...	...	...	...	1	...	...	...	...	...	...	1
		31	Leprosy	13	13	10	6	6	3	5	9	14	11	11	16	117
		33	Syphilis	5	7	5	9	7	4	1	5	3	8	7	4	65
			" Secondary	...	4	3	2	8	2	3	1	...	4	4	2	28
			" Tertiary	...	...	1	...	...	...	...	...	2	...	2	2	7
			" Congenital	...	...	...	...	5	2	2	...	...	...	1	5	15
			Syphilitic Cachexia	...	...	...	...	...	...	...	...	1	...	...	...	1
			" Anæmia	...	...	...	...	...	...	...	...	...	1	...	...	1
		35	Hydrophobia	1	...	1	2	1	...	...	...	1	...	...	...	6
		40	Diseases depended on Animal Parasites Worms due to Convulsion	3	4	9	8	2	5	4	8	4	2	5	...	54
		51	Scurvy	...	1	2	...	1	2	...	...	...	...	...	...	6
		55	Alcoholism	...	1	1	...	1	...	1	3	...	...	2	...	9
			Delirium Tremens	1	1	...	...	1	...	...	...	...	...	...	...	3
		58	Rheumatic Fever	...	...	...	...	...	...	1	...	...	...	...	...	1
			" Acute	...	...	...	...	...	1	1	1	1	1	...	5	10
		59	Rheumatism	13	9	11	...	6	11	7	14	7	6	9	9	102
			" and Bronchitis	...	...	...	...	...	...	...	1	...	...	...	...	1
			" Chronic	...	...	...	9	5	3	...	...	...	1	4	1	23
			" and General Debility	...	...	...	...	...	...	...	1	1	...	...	...	2
			" Syphilitic	...	...	...	...	4	...	1	...	1	1	2	...	9
		60	Gout	...	...	...	...	...	...	...	...	...	...	...	2	2
			" Syphilitic	...	...	...	...	2	...	...	...	...	...	...	...	2
			" with Rheumatism	...	...	1	...	...	...	...	...	...	...	...	...	1
		61	Osteo Arthritis	...	...	...	...	...	1	...	...	...	...	...	...	1
			Malignant Tumour	1	...	3	2	...	...	2	...	...	...	...	...	8
			" " Abdomen	...	...	...	...	...	...	...	...	...	...	...	1	1
			" " Ulcer	...	...	...	...	1	...	...	...	...	...	...	...	1
			Sarcoma Neck	...	1	...	...	...	...	...	...	...	...	1	...	2
			" Mesanterica	...	...	...	...	...	...	...	...	...	...	...	2	2
			" "	1	1	2	...	1	...	...	...	2	...	...	...	7
			Myoma of Uterus	...	...	...	...	...	...	...	...	...	1	...	...	1
		65	Rickets	12	18	12	6	11	9	11	12	15	16	12	13	147
			" and Convulsion	...	...	...	...	...	...	...	...	...	...	...	1	1
			" " Debility	...	...	...	...	2	...	...	...	...	...	...	2	4
			" " Bronchitis	4	3	7	4	8	8	7	6	9	4	12	12	84
			" " Diarrhœa	...	...	2	4	3	3	3	6	5	3	2	3	34
			" " Tuberculosis	...	...	...	...	...	...	...	...	...	1	...	...	1
			" " Worms	...	...	...	...	...	...	...	...	...	...	...	1	1
		68	Anæmia	12	3	11	6	12	7	10	6	11	11	19	23	131
			" and Heart Disease	...	...	...	...	...	...	...	1	...	...	...	...	1
			" " Dropsy	...	...	...	...	...	...	...	...	1	...	...	...	1
			" " General Debility	...	...	...	...	3	...	2	3	1	4	3	4	20
			" " Anasarca	...	...	...	...	...	...	...	...	2	...	...	...	2
			" " Pernicious	3	2	4	4	5	3	1	...	...	3	2	4	31
			" " Privation	...	...	...	...	...	1	...	...	...	...	...	...	1
			" " Remittent Fever													

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		No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Diseases—(contd.)	Diseases of the Circulatory System.		*Functional Nervous Disorders, with other Diseases of undetermined nature.*													
		102	Apoplexy	2	4	5	...	6	3	...	4	2	5	2	4	37
			" and sun stroke	...	1	...	...	...	...	...	...	...	...	...	...	1
		103	Paralysis	5	7	9	8	10	3	4	9	9	15	9	31	101
			" with Hemiplegia	9	17	14	18	14	14	10	12	10	12	16	14	160
			" a Paraplegia	1	1	1	2	1	1	7	2	1	5	2	...	24
		117	Eclampsia	145	148	152	171	152	148	158	173	170	176	133	159	1,885
			" Puerperal	2	3	4	1	...	...	1	1	2	4	4	2	24
		118	Epilepsy	4	3	2	1	1	2	1	1	1	3	3	4	26
			Facial Paralysis and Remittent Fever	...	...	1	...	...	...	...	...	...	...	...	...	1
		127	Hysteria	2	1	...	...	3	...	1	...	1	2	...	...	10
		135	Neurasthenia	...	1	...	...	...	...	...	...	...	...	...	...	1
			Mental Diseases.													
		136	Idiocy	...	...	1	...	...	...	...	...	...	...	...	...	1
		139	Dementia	...	...	...	2	...	...	...	...	...	...	...	...	2
		142	Insanity Delusional and General Debility	...	...	...	1	1	...	...	...	...	...	1	...	3
			" and Fever	...	...	...	...	...	...	...	...	...	...	1	...	1
	Diseases of the Eye, Ear and Nose.		*Diseases of the Internal Ear.*													
			Abscess of the Internal Ear	...	...	...	1	...	...	...	...	...	...	...	...	1
			Diseases of the Heart and its Membranes.													
		252	Pericarditis	...	1	...	...	...	...	...	1	...	...	...	...	2
		258	Endocarditis	1	...	...	...	1	...	...	...	...	...	...	...	2
		259	Valvular Disease	22	20	30	21	21	10	10	22	16	20	21	22	225
			" 1 Aortic	...	...	...	...	...	...	2	...	...	1	...	...	3
			" 2 Mitral	1	...	1	2	...	...	...	...	2	...	1	1	8
			Cardiac Dropsy	...	2	2	2	1	...	...	...	1	...	1	...	9
			" Asthma	2	...	...	...	...	1	...	...	...	...	2	...	5
			Diseases of the Muscular Substance.													
		261	Degeneration, Fatty	1	1	...	1	...	...	...	...	1	...	...	...	5
		264	Dilatation	2	...	2	...	1	1	2	1	1	...	...	1	10
		266	Aneurism	1	...	...	...	1	1	1	...	...	1	1	...	6
		269	Clots in the Heart and Thrombosis	...	...	...	...	...	...	...	...	...	1	1	1	3
			" b Embolism	...	...	...	...	...	...	...	2	...	...	...	...	2
		274	Angina Pectoris	2	...	1	...	...	1	1	1	...	...	1	3	10
		272	Syncope	...	1	...	2	4	4	3	...	1	...	1	...	16
			Diseases of the Blood-Vessels—Diseases of the Arteries.													
		285	Obstruction of Occlusion by a Clot Thrombosis	...	...	...	...	...	...	1	...	...	...	...	...	1
			" " " Embolism	...	...	...	...	...	...	...	...	...	1	...	...	1
		288	Obstruction	...	...	...	...	...	...	...	1	...	...	1	...	2

Local Diseases—(contd.)

Diseases of the Respiratory System.

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		No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Diseases.—(contd.)	Diseases of the Respiratory System—concld.		*Diseases of the Pleura.*													
		339	Pleurisy	5		1	3	1	1				1	3	1	16
			„ with Effusion	2	1		1						1	1	1	9
			„ and Diarrhœa			1										1
			Pneumonia							2	2	2	1			5
			Diseases of the Mouth.													
		348	Stomatitis		1				1							2
		349	Ulceration Mouth										1	1		2
		350	Gangrum Oris								1	1				2
			Diseases of the Teeth, Alveoli and Gums.													
		353	Disorders of Dentition		2	6	10	4	1	3	7	4		2	9	48
			Dentitions and Convulsions	4	4	4		4	3	4	8	5	1		4	41
			„ „ Diarrhœa	7			1	14	5	13	11	13	10	18	13	105
			„ „ Dysentery						1							1
			Diseases of the Palate and Fauces.													
		386	Ulcer of the Throat		1							1	1			3
		387	Inflammation of Tonsils	1		1					1				1	4
			„ b. Quinsy		1										1	2
	Diseases of the Digestive System.		*Diseases of the Stomach.*													
		402	Gastritis and Convulsions	3	1	3	4	5	1		3	1			4	25
			Gastro Enteritis	6	1	10	7			2	4	2	1	2	3	38
		408	Ulceration of Stomach					1								1
			Abdominal Operation Shock				2			1						3
		410	Atrophy and Anterior Polio Myelitis						1							1
			Inflammation of Bowels									1	1			2
		414	Dilatation of Stomach				1									1
		419	Dyspepsia	2	1	3	1	1		2	4				1	15
		426	Vomiting and Diarrhœa				4		4			1		3	3	15
			„ Due to Worms						1				1			2
			„ and Convulsions							1						1
			Diseases of the Intestines.													
		428	Gastralgia											1		1
		433	Inflammation *a* Enteritis	11							8	6	5	2	2	42
			„ *b* Typhilitis												1	4

Local Diseases—(*contd.*)

Diseases of the Digestive System.

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	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Diseases—(contd.)		*Diseases of the Spleen.*													
Diseases of the Lymphatic System.	506	Splenitis								1		1	8	5	10
	509	Enlargement of Spleen and Liver		1	1	2					1	1		2	8
	518	Congestion of Spleen								1					1
	522	Lymphadenomma					1	1							1
		Inflammation of Lymphatics ...			1										1
		Elephantiasis, Leg ...		2						1		2	1		6
		,, Scrotum and Penis					1								1
		,, and Diabetes ...					1								1
		Diseases of the Thyroid Body.													
	532	Goitre (a) Parenchymatous ...												1	1
		,, (b) Exophthalmic								1					1
	557	Addison's Disease						1							1
		Diseases of the Kidney and Ducts.													
Diseases of the Urinary System.	538	Nephritis Acute (Renal Dropsy) ...	3	4	3		3	6	1	2		2	4		30
		,, Chronic				2					2				4
	539	Bright's Disease, Acute ...	8	9	14	12	12	9	6	8	12	7	17	24	128
		,, Chronic	1				1	1	2	2	1	1		1	10
		Kidney Disease, Granular ...			1	1	1								3
		,, Cystic	3									1			5
		Renal Calculus				1					1		1	1	1
		Urinary Disorders.													
	542	Congestion of Kidney	1	2					1	1		1			1
		Uræmia	1											3	8
		,, Cerebral Effusion and Fistula...										1	1	1	3
	552	Suppression of Urine	1												1
		Extravasation of Urine ...		1					1				1		3
	553	Hæmaturia				1									1
	555	Chyluria and Hæmaturia ...									1				1
		Diseases of the Bladder.													
	561	Cystitis Pyelitis Pyeli								2		1		1	2
		,, Septicæmia									1				1
		,, Acute				1				2					3
		,, Chronic	1		1								1		2
		,, Sarcoma and Kidney ...								1					1
	569	Rupture Bladder from Retention of Urine...						2	1						3
	571	Vesical Calculus		1	2	1	1	1	1				1		7
	574	Retention of Urine													1

Local Diseases—(contd.)

Diseases of the Generative System.

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Diseases of the Generative System.

No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	Affections connected with Parturition.													
	Debility after Labour	2	1	2	3	2	3	3	2	4	4	1	2	29
	" " Parturition	2	2											4
	Syncope after Labour						1							1
664	Rupture of the body of the Uterus	1												1
	Functional and Symptomatic Disorders of the Female Organs of Generation.													
685	Menorrhagia				1			1						2
687	Leucorrhœa			2	3	1	2		2			1	2	13
	Affections connected with Pregnancy.													
	Vomiting and Diarrhœa due to Pregnancy		1											1
700	Abortion			3	4			2	1	2		2	1	15
	Miscarriage and Fever		3									1		4
	Hard Labour					2	1	1		1	1	4		9
	Hæmorrhage during Pregnancy		1	4		1			1		2			9
	Insanity of Pregnancy									1				1
705	Ectopic Gestation				1		2	1			1			6
709	Hæmorrhage during Parturition		2						1					3
	" Unavoidable from Placenta Prævia				1			1					1	3
710	Rupture of the Uterus										1			1
	" Pelvis											1		1
712	Still-born	157	145	167	139	161	137	173	195	202	191	175	168	2,033
713	Asphyxia of Infants	1		1	2	1						3	3	11
	Exhaustion due to Parturition		2					1			1			4
	Shock after Operation for extracting the Fœtus			1			1							2
714	Post-partum Hæmorrhage		2	2	3	1	1	4	1	2	2	1	1	25
718	Sudden Death after Delivery		1			5	2							1
	Extreme Weakness in Child-bed				1				1					2
	Puerperal Causes			1				1						2
	" " following Labour		2											2
	" " Peritonitis			1										1
	Diseases of the Mammary Gland.													
722	Mastitis				1		1							2
	Mammary Abscess										1			1
	Embolism Pulmonary after Child-birth										1			1
	Premature Debility				1							1	1	3
	" Delivery													

General Injuries.

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No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	General Injuries—contd.													
878	Multiple injuries caused by his being accidentally knocked down by a rail-													
	" way train on ... ... by a train on													
	" caused by his falling over a machine while climbing a ladder in a pre-													
	" caused by a bundle of wood accidentally falling on him													
	" due to an accidental fall from the second floor of a house ...													
	" caused by his jumping from the balcony of J. J. Hospital,													
	" suicidal													
	" and hæmorrhage, but under what circumstances the wounds													
	" were caused there is no evidence to show													
	" accidental, due to falling from a cart													
	" caused by an accident in fall from a cart													
	" and shock received from a railway train													
	" caused by his being knocked down by a railway train ...													
	" caused by an accidental fall from a palm tree													
	" due to an accidental fall from a height while rolling a bale of													
	" pressed cotton to a lift at Arthur Road Bunder													
	" and shock due to his having jumped from the Rajabai													
	" Tower, suicidal													
	" received from an accidental fall													
	" and shock caused at Wadi Bunder													
	" caused by his being knocked down and run over by an													
	" Engine near Masjid Bunder, accidentally													
	" accidentally received by his arm being caught in a strap													
	" attached to a wheel of the machine													
	" received on account of falling accidentally down the hoard													
	" of S. S. Barnsfield													
	" or fracture and shock while working in a godown at													
	" Kalbadevi Road													
	" and shock received by his being accidentally knocked down													
	" and run over by a railway train at Grant Road Station ...													
	" to the spine and exhaustion due to a fall													
	" caused by his being accidentally knocked down by a													
	" Victoria													
	" caused through a beam of wood falling on him accidentally,													
	" and shock received from a Steam Roller accidentally													
	" caused by his being accidentally knocked down and run over													
	" by a railway train at Colaba													
	" and pneumonia, the result of an accidental fall from a scaf-													
	" folding													
	" internal, received through falling off a cart a basket of pots													
	" caused by an engine that accidentally													
	" is no evidence to show how he received these injuries there													
	" due to an accidental fall from the 3rd storey of a house													
	" accidental, due to a fall into the hold of a ship													
	" caused by falling out of a window accidentally													

General Instruc—contd.

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	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
General Injuries—*contd.*		Suffocation from—													
		a drowning in a well off Kalachowkee Road, suicidal ...	...	...	...	...	...	...	...	1	...	...	...	...	1
		" in a well at Worli Road, suicidal ...	...	...	...	...	...	...	...	1	...	...	...	...	1
		" in Nabab's tank at Mazagon, suicidal ...	...	...	...	...	...	...	...	1	...	...	...	...	1
		" in the Mumbadevi Tank, circumstances unknown ...	...	...	...	...	...	...	...	1	...	...	...	...	1
		" in a well at Waudby Road, circumstances unknown ...	...	...	...	...	...	...	...	1	...	...	...	...	1
		" " in Ambewadi at Mazagon, suicidal ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		" " off Parel Tank, suicidal ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		" " in Mahim, accidental ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		" in the Arthur Basin, accidental ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		" in the sea at Kennedy Sea Face, accidental ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		" into a tank while playing in a garden, accidental ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		" in a well on Girgaum Road, circumstances unknown ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		" in a well in the compound of Railway Infirmary, Byculla, suicidal ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		" in a quarry hole at Ghorapdeo, accidental ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " in Chambarbag, accidental ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " near Dadar Station of B. B. & C. I. Ry., accidental ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		" in a well at Dadar, suicidal ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " in Taranaikin Oart, suicidal ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		" while drawing water from Lakshmidas Mill Tank, accidental ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		" in the tank of the Coronation Mill, suicidal ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		" in the fountain in the Crawford Market, accidental ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		" in the Babula Tank, circumstances unknown ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		" in a well while taking bath therein, accidental ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		" in a well at Matharpakhadi, suicidal ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " at Parel Village " ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " off Wadalla Road " ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " at Lower Mahim " ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " in the Dinshaw Petit Mill Tank, circumstances unknown ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		" probably drowning in the sea as he was found lying in the mud at Tank Bunder, but under what circumstances deceased came by his death there is no evidence to show ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		" in a well off Ghorapdev Road, while of unsound mind ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		" in the hot-water tank of the Kohinur Mill, suicidal ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		" in a Mill tank off Haines Road, circumstances unknown ...	...	...	...	...	...	...	...	...	...	...	...	1	1
		[illegible] new Municipal drain off Fergusson Road, circumstances [illegible]known ...	...	...	...	...	...	...	...	...	...	...	...	2	2
		[illegible] Dhobi Talao, circumstances unknown ...	...	...	...	...	...	...	...	...	...	...	...	1	1
		[illegible]ell off Victoria Road, accidental ...	...	...	...	...	...	...	...	...	...	...	...	1	1

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	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Injuries—(contd.)		Fracture of vault of skull & compound comminuted being jammed in a hoist at the Prince's Dock	...	...	1	...	...	...	...	...	...	...	...	...	1
		" " compound with meningitis due to an accidental fall on a trunk on the B. B. & C. I. Railway ...	...	...	...	1	...	...	...	...	...	...	...	...	1
		" " & depressed, caused by a blow with sledge hammer inflicted on her—homicidal	...	...	...	...	1	...	...	...	...	...	...	...	1
		" " " by an accidental fall of an arch under construction	...	...	...	...	...	...	...	1	...	...	...	...	1
		" " " and rupture of heart—culpable homicide amounting to murder	...	...	...	...	...	...	...	...	1	...	...	...	1
		" " tetanus due to the injuries to brain from a fall from the fencing round the top of the quarry at Nowrojee Hill	...	...	...	...	...	...	...	...	...	1	...	...	1
	927	Fracture of the base of the skull caused by an accidental fall of a pole on him while at work	1	...	...	...	...	...	...	...	...	...	...	...	1
		" " due to an accidental fall from the first floor of a house	1	...	...	...	...	...	...	...	...	...	...	...	1
		" " due to an accidental fall from the 4th storey of a house	...	1	...	...	...	...	...	...	...	...	...	...	1
		" " due to an accidental fall from a height of 20 feet in the dock	1	...	...	...	...	...	...	...	...	...	...	...	1
		" " caused by her being accidentally knocked downstairs by a man coming from the opposite direction—accidental	...	...	1	...	...	...	...	...	...	...	...	...	1
		" " due to an accidental fall while working in a boat	...	...	...	1	...	...	...	...	...	...	...	...	1
		" " owing to an accidental blow from the overbridge at Dadar of the B. B. & C. I. Railway	...	...	...	...	1	...	...	...	...	...	...	...	1
		" " by an accidental fall while alighting from a Railway carriage in motion	...	...	...	...	1	...	...	...	...	...	...	...	1
		" " caused by his accidentally falling into No. 2 hold of the S.S. "Alohonia."	...	...	...	...	1	...	...	...	...	...	...	...	1
		" " caused by his being accidentally knocked down and run over by a carriage	...	...	...	...	...	...	1	...	...	...	...	...	1
		" " and other injuries caused through an accidental fall from a scaffolding	...	...	...	...	...	...	1	...	...	...	...	...	1
		" " caused by a piece of firewood accidentally falling on the skull	...	...	...	...	...	...	...	1	...	...	...	...	1
		" " by the passing of a cart wheel over his head	...	...	...	...	...	...	...	1	...	...	...	...	1
		" " owing to an accidental fall	...	...	...	...	...	...	...	...	1	...	...	...	1
		" " do. do. from the window of a house	...	...	...	...	...	...	...	...	1	...	...	...	1
		" " accidentally falling over the side of S.S. "Clan Lindsay"	...	...	...	...	...	...	...	...	1	...	...	...	1
		" " owing to an accidental fall from a window.	...	...	...	...	...	...	...	...	...	...	1	...	1

Local Injuries.—(contd.)

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	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Injuries—(contd.)		*Injuries of the Neck, exclusive of the Vertebral Column.*													
	967	Incised wound of neck caused by her committing suicide by cutting her throat with a razor	...	1	...	...	...	...	...	...	...	...	...	...	1
		Hæmorrhage from mixed wound of throat and abdomen inflicted on her by another person with a clasp knife whose act was culpable homicide amounting to murder	...	...	...	1	...	...	...	...	...	...	...	...	1
		Incised wound of throat with hæmorrhage	...	...	...	...	...	...	...	...	...	...	1	...	1
		Incised penetrating wound of neck—circumstances unknown	...	...	...	...	...	...	...	...	...	...	...	...	1
		Injuries of the Chest.													
	976	Fracture of the ribs, right side, owing to the accidental injury	...	...	...	...	...	...	...	1	...	...	...	...	1
		" 9th rib—accidental fall from the 3rd storey of a house	...	...	1	...	...	...	...	...	...	...	...	...	1
		" ribs, tibia and fibula—internal hæmorrhage caused by his being accidentally knocked down and run over by a tram car	...	...	...	...	...	...	...	1	...	...	...	...	1
		Traumatic pneumonia from fracture of 7th, 8th and 9th ribs of right side, caused by his throwing himself down the Nowrojee Hill—suicidal	...	...	...	...	...	...	...	...	...	1	...	...	1
		A fracture of the ribs penetrating the liver caused by an accidental fall down a ship hold	...	...	1	...	...	...	...	...	...	...	...	...	1
		" with injury to lungs, the result of his being accidentally kicked by a bullock	...	...	...	...	...	...	...	...	...	1	...	...	1
	976	" with injury to lungs due to a thick rope slipping and accidentally hitching the man across his chest in the Victoria Dock	...	...	...	...	...	...	...	...	...	1	...	...	1
		" the 9th, 10th, 11th and 12th ribs with injuries to the left Lung, the result of his having accidentally fallen out of a window on the 2nd storey of a house	...	...	...	...	...	...	1	...	...	...	1	...	1
	985	Injuries to the chest by a cart—accidental	...	...	...	...	...	...	...	...	...	...	...	...	1
		Injuries of the Back.													
	988	Injuries to the back caused by his being jammed between a wall and a cart—accidental	1	...	...	...	1	...	...	...	...	...	...	...	1
	989	Fracture of the spine—accidental	...	...	...	...	1	...	...	...	...	...	...	...	1
		" " while at work on his prow	...	...	...	...	1	...	...	...	...	...	...	...	1
		" " fall from a window being subject to fits	...	...	...	...	...	...	...	...	...	...	...	...	1
		" 6th cervical vertebra spine due to an accidental fall of a grain bag on his neck in Prince's Dock	...	...	...	...	...	1	...	...	...	...	...	...	1
		" spine caused by an accidental fall from a wall	...	...	...	...	...	...	...	...	1	...	...	...	1
		" " the result of another, accidentally falling on him while at work in a ship	...	...	...	...	...	...	1	...	...	...	...	1	1
		" " owing to an accidental fall into the tank of S.S. "Clan Gordon"	...	...	...	...	...	...	...	...	...	...	...	...	...
		" " due to an accidental fall of a log of wood on him	...	...	...	...	...	...	...	...	...	...	...	...	...

Local Injuries—(contd.)

| | | |

	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Injuries—(contd.)		*Injuries of the Abdomen*—contd.													
		Rupture of the spleen, the result of blows inflicted on him by another voluntarily causing grievous hurt	...	...	...	...	...	...	...	...	...	...	...	1	1
		„ of splenitic vein caused by blows inflicted on him under provocation...	...	...	...	...	...	...	...	...	...	...	...	1	1
		„ of intestines with hæmorrhage due to his being accidentally run over by a carriage	1	...	...	...	...	...	...	...	...	...	...	...	1
		Injuries of the Pelvis and Organs of Generation.													
	1017	Fracture of pelvis	...	...	...	..	...	...	...	...	...	...	...	1	1
		„ „ and other injuries caused by being accidentally run over by a cart...	...	...	...	...	...	...	...	...	...	...	...	1	1
		Rupture of pyosalpinx	...	...	...	...	...	...	...	...	...	...	1	...	1
		Injuries of the Upper Extremities.													
	1038	b. Septicæmia following compound fracture of abreaon process of Ulna in the Western Indian Spinning Mill	...	...	...	...	...	...	...	...	1	...	...	...	1
		c. Compound comminuted fracture of both bones of right forearm caused by the wheel passing over his right forearm	...	...	1	...	...	...	...	...	...	...	...	...	1
		Injuries of the Lower Extremities.													
	1043	Fracture of the femur and exhaustion result of a carriage accidentally passing over	...	...	...	...	...	...	..	1	...	...	...	...	1
	1044	Compound fracture of the tibia and fibula owing to an accidental fall from a height of 15 feet	...	...	...	...	...	...	1	...	...	...	...	...	1
		Injuries to the foot caused by the wheel of his cart passing accidentally over his foot	...	...	1	...	...	...	...	...	...	...	...	...	1
		Fracture of both the legs and arms caused by an accidental fall from a tree..	...	...	...	1	..	...	...	...	...	...	...	...	1

| | | |

	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Poisons—*contd.*		*Vegetable Poisons.*													
		Aconite poisoning, accidental	...	1	...	...	...	...	...	...	...	...	...	...	1
	25	Indian hemp poisoning, circumstances unknown	...	...	...	...	...	1	...	...	...	...	...	...	1
		Narcotic poisoning, suicidal	...	...	1	...	...	...	...	...	...	...	...	...	1
	32	Opium poisoning, accidental	...	...	...	...	...	1	...	...	1	...	...	...	2
		„ „ suicidal	1	3	4	1	4	2	4	2	2	1	3	27
		„ „ circumstances unknown	...	...	...	...	...	...	1	...	...	...	...	1	2
		Strychnia poisoning, suicidal	...	...	1	...	...	...	...	...	...	...	...	...	1
		Animal Poisons.													
	10	Chloral poisoning taken by misadvantage	...	...	...	...	...	...	...	...	...	...	...	1	1
		Irritant Drugs.													
		Irritant poisoning, suicidal	...	...	...	...	...	...	...	...	1	...	...	...	1
		Poisoned Wounds.													
		(a) Inflicted by venomous animals—													
		1. Snake bite	1	...	...	...	...	1	...	...	...	1	...	1	4
		2. Scorpion bite	...	...	...	...	...	1	...	...	...	...	...	...	1
		Rat bite	...	...	...	...	...	...	...	...	1	...	...	...	1
		„ with septicæmia	1	...	...	...	...	...	...	...	...	...	...	...	1
		Horse bite	...	...	...	1	...	...	...	...	...	...	...	...	1
		Monkey bite	...	...	...	...	...	...	1	...	...	...	...	...	1
		Poisoned wound	...	1	...	...	...	...	...	...	...	...	...	...	1

Ward.	SECTIONS.	Population.	Number of Depots in each District.	Number of Vaccination in each District.	Total Number of persons Vaccinated.			Average No. of persons Vaccinated by each Vaccinator.	Primary Vaccination.							Re-vaccination.			Percentage of successful cases where results were known.		Persons successfully Vaccinated per 1,000 of population.	Average annual No. of persons successfully Vaccinated during past 5 years.		Average annual No. of deaths from Small-pox during previous 5 years.		Average cost of each successful Vaccination.	SECTIONS.	Ward.
									Total.			Successful.																	
					Males.	Females.	Total.		Males.	Females.	Total.	Under one year.	One year & under six.	Six years & above.	Unknown.	Total.	Total.	Successful.	Unknown.	Primary.	Re-vaccination.		Number.	Ratio per 1,000 of population.	Number.	Ratio per 1,000 of population.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
																											Rs. a. p.		
	Upper Colaba	3956	..	..	342	210	552	..	185	188	373	281	40	3	28	352	199	15	173	99·68	57·69	19·06	344	20·26	10	·75	..	Upper Colaba	
	Middle and Lower Colaba.	13923	..	..				..																			..	Middle and Lower Colaba..	
A	Fort, Southern	3309	1	1	560	382	942	..	346	329	675	509	112	9	41	671	267	17	243	99·37	70·83	24·63	638	24·29	1	·28	..	Fort, Southern	A
	„ Northern ..	22956	..	1				..																	16	·06	..	„ Northern	
	Esplanade	10398	..	..	599	214	723	..	94	89	183	125	36	..	22	183	540	5	532	100·00	62·5	15·96	234	22·50	11	1·07	..	Esplanade	
	Mandvi	31402	1	..	262	224	556	..	249	231	540	391	96	4	45	536	16	..	16	99·19	..	17·15	475	15·13	59	1·74	..	Mandvi	
B	Chukla	24384	1	..	362	314	676	..	338	314	652	409	121	9	111	652	24	..	24	100·00	..	22·18	524	21·90	33	·83	..	Chukla	B
	Umerkhadi	48481	1	1	933	552	1515	..	540	524	1064	829	207	7	26	1069	481	8	489	99·61	66·66	21·43	1002	20·67	56	·99	..	Umerkhadi	
	Dongri	23778	..	..	473	415	888	..	335	411	746	584	116	5	39	744	142	66	33	99·72	60·85	32·90	663	25·72	42	1·52	..	Dongri	
	Market	28413	..	..	377	337	714	..	342	333	675	452	147	7	63	669	39	19	20	99·02	100·00	21·47	572	20·13	42	1·79	..	Market	
	Dhobi Talao.. ..	29353	..	..	832	538	1370	..	540	549	949	637	157	41	112	947	411	35	374	99·76	74·47	29·44	751	25·41	69	1·75	..	Dhobi Talao	
	Fanaswadi	10354	1	1	256	217	482	..	234	215	449	314	100	5	28	447	34	4	24	99·52	40·00	25·87	356	21·77	23	1·49	..	Fanaswadi	
C	Bhuleshwar	30229	..	..	354	266	620	..	291	267	555	384	140	2	25	551	65	2	60	99·24	40·00	17·47	458	15·15	25	·74	..	Bhuleshwar	C
	Khara Talao.. ..	23161	..	..	337	276	613	..	264	276	540	383	102	1	52	538	73	4	69	99·59	100·00	21·16	494	21·33	32	1·29	..	Khara Talao	
	Kumbharwada	27544	1	1	300	303	603	..	292	303	595	489	71	1	51	552	8	3	3	99·45	66·66	19·75	457	16·95	68	2·31	..	Kumbharwada	
	Khotwadi	27140	1	..	445	347	792	..	367	344	711	585	87	5	33	710	81	8	66	99·48	38·33	25·22	657	24·19	21	1·11	..	Khotwadi	
	Girgaum	13808	1	..	349	272	621	..	295	270	565	419	102	5	26	552	21	8	9	99·43	47·06	37·89	480	33·88	27	1·87	..	Girgaum	
D	Chawpati	6729	..	..	199	162	361	..	156	147	285	215	52	4	11	282	78	30	33	98·50	69·77	44·73	211	31·36	8	·92	..	Chawpati	D
	Walkeshwar.. ..	10583	1	..	226	132	358	..	113	116	229	177	30	2	20	229	129	5	120	100·00	55·55	20·26	180	17·04	4	·34	..	Walkeshwar	
	Mahalakshmi	18092	..	..	223	218	441	..	214	215	429	344	85	3	16	448	12	1	9	99·76	33·33	22·83	247	19·18	16	·90	..	Mahalakshmi	
	Mazagon	21933	1	..	384	236	620	..	300	294	594	461	83	23	19	584	96	11	82	100·00	78·57	29·62	649	21·14	25	1·15	..	Mazagon	
	Tarwadi	18460	..	..	271	274	545	..	216	208	424	341	59	1	22	423	121	5	115	99·75	83·33	21·99	361	14·56	20	1·02	..	Tarwadi	
	2nd Nagpada	18591	1	1	751	731	1482	..	705	726	1431	1036	252	4	78	1428	51	9	33	99·78	50·00	20·51	1155	17·43	26	1·39	..	2nd Nagpada	
E	Ramathipura	26706	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	43	1·55	..	Ramathipura	E
	Tardeo	20958	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	35	1·73	..	Tardeo	
	Byculla	37641	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	104	1·94	..	Byculla	
	1st Nagpada	19577	..	..	803	638	1534	..	458	541	999	773	144	3	76	996	537	15	516	99·67	71·43	13·71	1001	14·67	15	1·38	..	1st Nagpada	
	Parel	33390	1	..	390	431	821	..	374	421	795	623	120	7	34	790	26	2	24	99·24	100·00	23·10	580	17·37	64	2·42	..	Parel	
F	Sewri	9294	1	..	103	103	211	..	102	108	211	164	39	...	7	210	..	..	..	99·53	..	21·84	129	13·88	15	1·87	..	Sewri	F
	Sion	23443	..	1	369	319	679	..	349	314	663	500	130	5	26	661	16	..	16	99·62	..	24·96	477	18·75	34	1·47	..	Sion	
G	Mahim	27396	1	..	491	387	788	..	373	378	751	566	150	4	21	751	37	18	17	100·00	90·00	28·93	560	20·45	49	2·03	..	Mahim	G
	Worli	45888	1	..	471	446	917	..	461	441	902	681	161	2	52	896	15	3	11	99·29	75·00	18·57	580	12·72	62	1·65	..	Worli	
	Harbour and Docks, Railways and Homeless.	37681	..	..	298	6	304	..	4	6	10	..	..	..	10	10	294	1	293	..	100·00	..	25	·66	..	..	..	..	Harbour and Docks, Railways and Homeless.	
					347	271	618	..	327	263	590	137	65	4	284	590	28	4	22	100·00	66·66	..	13	..	1	·03	..		
Out-station	Total ..	776006	12	6	12063	9326	21389	3566	8776	8769	17545	12844	2934	166	1488	17482	3854	289	3414	99·61	66·68	20·98	14451	18·62	1076	1·36	1 3 11	.. Total.	Out-station

Ward.	SECTIONS.	Population.	Number of Depots in each District.	Number of Vaccination in each District.	Total Number of persons Vaccinated.			Average No. of persons Vaccinated by each Vaccinator.	Primary Vaccination.							Re-vaccination.			Percentage of successful cases where results were known.		Persons successfully Vaccinated per 1,000 of population.	Average annual No. of persons successfully Vaccinated during past 5 years.		Average annual No. of deaths from Small-pox during previous 5 years.		Average cost of each successful Vaccination.	SECTIONS.	Ward.
									Total.			Successful.																	
					Males.	Females.	Total.		Males.	Females.	Total.	Under one year.	One year & under six.	Six years & above.	Unknown.	Total.	Total.	Successful.	Unknown.	Primary.	Re-vaccination.		Number.	Ratio per 1,000 of population.	Number.	Ratio per 1,000 of population.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	

XXI.

STATEMENT showing the number of births registered and vaccination of Infants under one year of age during the year ending December 1904.

Wards.	SECTIONS.	Total births excluding still-born.	Still-born.	Deaths under one year.	Number of Infants surviving.	Number of Infants vaccinated under one year.	Percentage of Vaccination to Births registered.	SECTIONS.	Wards.
A	Upper Colaba ...	107	5	7	100	304	75·25	Upper Colaba....	A
	Middle & Lower Colaba ...	297	24	129	168			Middle and Lower Colaba ...	
	Fort, Southern ...	34	3	5	29	540	82·44	Fort, Southern....	
	Fort, Northern ...	621	59	210	411			Fort, Northern....	
	Esplanade ...	206	22	74	132	132	64·08	Esplanade ...	
B	Mandvi	791	72	478	313	428	54·11	Mandvi	B
	Chukla	710	79	299	411	452	63·66	Chukla	
	Umarkhadi ...	1,120	135	609	511	843	75·27	Umarkhadi ...	
	Dongri	718	85	453	265	615	85·65	Dongri	
C	Market	561	54	277	284	486	86·63	Market	C
	Dhobi Talao ...	664	67	235	429	675	101·66	Dhobi Talao ...	
	Fanaswadi ...	434	40	205	219	326	76·89	Fanaswadi ...	
	Bhuleshwar ...	592	76	351	241	404	68·24	Bhuleshwar ...	
	Khara Talao ...	733	71	328	405	418	57·03	Khara Talao ...	
	Kumbharwada,...	701	64	368	333	513	73·18	Kumbharwada...	
D	Khetwadi ...	733	55	273	460	614	83·77	Khetwadi ...	D
	Girgaum ...	440	47	192	248	440	100·00	Girgaum... ...	
	Chaupati ...	234	24	85	149	222	94·87	Chaupati ...	
	Walkeshwar ...	205	10	51	154	184	89·76	Walkeshwar ...	
	Mahalakshmi ...	430	43	129	301	357	83·02	Mahalakshmi ...	
E	Mazagon ...	554	88	353	261	466	78·45	Mazagon ...	E
	Tarwadi ...	523	128	386	137	357	68·26	Tarwadi	
	2nd Nagpada ...	535	68	281	254	1,153	51·94	2nd Nagpada ...	
	Kamathipura....	921	76	405	516			Kamathipura ...	
	Tardeo	664	86	321	443			Tardeo	
	Byculla	1,785	196	885	900	836	46·89	Byculla	
	1st Nagpada ...	17	2	8	9			1st Nagpada ...	
F	Parel	913	78	412	501	656	71·85	Parel	F
	Sewri	312	29	111	201	179	54·49	Sewri	
	Sion	738	70	239	499	522	70·73	Sion	
G	Mahim	692	56	212	480	592	85·55	Mahim	G
	Worli	1,535	122	628	907	722	47·04	Worli	
	Harbour and Docks, Railways and Homeless ...	6	.....	2	4	9 / 322	159·00	Harbour and Docks, Railways and Homeless ...	
	Total ...	19,556	2,033	8,981	10,675	13,758	69·99	Total	

Wards.	SECTIONS.	Total births excluding still-born.	Still-born.	Deaths under one year.	Number of Infants surviving.	Number of Infants vaccinated under one year.	Percentage of Vaccination to Births registered.	SECTIONS.	Wards.

XXII.

STATEMENT showing the particulars of primary vaccination with different kinds of lymph in the year 1904 :—

	Total Number of Operations.	Successful.	Unknown.	Percentage of Success.
I Calf lymph	17,545	15,994	1,488	99·61
II Glycerinated lymph	*1,535	1,239	240	95·67
III Lanolinated lymph	*Nil.*	.....	.....	.....
IV Human lymph	*Nil.*	.....	.....	.....
Total ...	19,080	17,233	1,728	90·32

* These children were vaccinated with Glycerinated lymph on one arm only, they are, therefore, included in the total number of operations performed with the Calf lymph.

XXIII.

STATEMENT showing the number of prosecutions instituted in the Vaccination Department during the year 1904 :—

1	2	3	4	5	6	7
Number of Section of Act.	Nature of Charge.	Number of Cases Instituted.	Number Discharged.	Otherwise.	Number Convicted.	Total of Fines Inflicted.
	(1) For not bringing children to be vaccinated after notice.	27	7	2	18	Rs. 85
	(2) For not bringing children for verification.	*Nil.*	...	...	...	...

A

TABLE showing the number of DEATHS in different LOCALITIES

Wards.	SECTIONS.	GENERAL DISEASES.																					
		Small-pox.	Measles.	Plague.	FEVERS. Scarlet Fever.	FEVERS. Enteric Fever.	FEVERS. Malarial Fever, including Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.	Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.
A	Upper Colaba ...	...	...	17	...	3	5	...	...	...	...	...	3	2	...	...	1	1	5	3	3
	Middle and Lower Colaba	7	7	209	...	1	25	...	...	1	...	2	14	8	3	...	2	1	63	28	22
	Fort, Southern ...	2	...	32	...	...	2	...	...	...	...	...	3	1	...	...	...	...	1	1	...
	,, Northern ...	5	3	334	...	2	35	...	...	1	...	13	33	18	10	1	4	7	72	48	45
	Esplanade	5	...	111	...	3	19	1	...	...	...	7	24	13	4	2	...	7	32	7	55
B	Mandvi	18	32	793	...	2	113	3	...	...	...	6	45	17	22	2	3	1	142	99	53
	Chukla	10	8	472	...	1	53	...	...	...	...	...	49	19	25	1	1	1	79	59	71
	Umerkhadi	38	17	677	...	5	300	12	...	3	...	8	102	59	28	1	5	4	203	26	264
	Dongri	39	28	530	...	2	187	42	...	...	...	11	95	33	17	1	1	2	158	45	97
C	Market	8	10	706	...	3	89	...	1	...	...	4	54	17	11	...	3	...	89	34	68
	Dhobi Talao	21	4	542	...	4	102	...	1	1	...	5	57	25	10	1	6	10	70	44	77
	Fanaswadi	7	4	489	...	1	43	1	...	...	...	...	36	17	7	...	1	1	49	30	40
	Bhuleshwar ...	8	10	739	...	2	106	4	...	...	...	4	76	23	23	1	...	1	107	42	88
	Khara Talao	6	8	359	...	...	33	...	...	...	...	3	30	60	7	...	1	5	75	68	50
	Kumbharwada ...	26	10	670	...	1	26	4	...	...	...	3	77	31	8	...	...	...	123	17	70
D	Khetwadi	12	2	390	...	3	41	5	...	3	...	6	53	25	3	...	1	3	92	14	45
	Girgaum...	7	2	344	...	1	67	1	2	...	...	1	36	24	10	...	1	1	64	45	36
	Chaupati...	2	2	180	...	1	32	...	1	...	...	1	9	6	1	1	...	1	30	20	12
	Walkeshwar	4	1	90	...	3	23	...	...	...	...	4	11	4	3	...	...	1	24	12	9
	Mahalakshmi... ...	16	3	351	...	1	54	...	...	...	...	1	2	36	17	10	...	...	...	53	50	21
E	Mazagon...	36	1	615	...	4	120	2	.	4	1	3	107	30	18	2	2	5	160	124	35
	Tarwadi ...	34	8	405	...	3	107	5	...	2	...	4	114	42	11	...	6	10	128	61	114
	2nd Nagpada... ...	8	9	391	.	...	47	1	...	1	...	1	26	27	19	...	4	1	89	114	50
	Kamathipura ...	19	...	769	...	...	77	2	...	...	...	6	76	81	16	4	2	2	159	103	80
	Tardeo	14	...	384	...	2	62	3	...	...	...	5	87	41	12	4	2	5	95	77	40
	Byculla	87	25	1149	...	1	300	14	...	...	1	16	163	64	31	1	3	7	387	244	92
	1st Nagpada	...	...	8	...	1	2	...	...	...	...	...	2	...	1	...	...	...	3	5	2
F	Parel	45	14	438	...	3	52	1	...	...	...	19	74	42	16	4	...	1	183	62	49
	Sewri	3	3	158	...	...	12	1	...	...	...	15	13	24	5	1	...	...	62	8	13
	Sion	10	7	290	...	...	60	6	1	...	...	18	44	29	9	83	1	...	159	20	27
G	Mahim	6	1	230	...	1	36	2	...	...	...	38	67	32	8	1	1	1	108	23	34
	Worli	70	10	655	...	...	74	4	...	...	...	10	188	81	16	6	...	...	289	96	41
	Harbour and Docks, Railways & Homeless	4	...	11	...	1	7	...	...	...	...	4	9	9	...	...	...	...	2	6	3
	Total ...	568	229	13388	...	55	2361	114	6	20	3	219	1863	921	362	117	50	79	3346	1620	1711

Wards.	SECTIONS.	GENERAL DISEASES.																					
		Small-pox.	Measles.	Plague.	FEVERS. Scarlet Fever.	FEVERS. Enteric Fever.	FEVERS. Malarial Fever, including Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.	Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.

from different CAUSES in the City of BOMBAY during the year 1904.

LOCAL DISEASES.												INJURIES.						
Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System. Phthisis.	Respiratory System. Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	General. Drowning.	General. Other General Injuries.	Local Injuries.	Poisons.	Unspecified Causes.	Total, excluding Still-born.	SECTIONS.	Wards.
5	...	...	5	6	4	...	2	1	5	...	...	...	...	...	...	...	71	Upper Colaba ...	
																		Middle and Lower	
22	...	8	32	120	17	...	6	2	24	...	1	3	2	2	...	3	606	Colaba	A.
3	...	1	2	10	4	...	...	...	3	...	...	...	...	1	...	1	64	Fort, Southern ...	
88	...	10	56	166	47	4	6	15	59	7	2	1	3	5	5	1	1097	„ Northern ...	
27	...	8	24	74	30	3	6	5	23	6	...	6	14	5	4	1	503	Esplanade	
135	...	12	145	413	55	...	3	3	72	8	1	...	9	13	1	...	2169	Mandvi	B.
137	...	15	136	302	38	...	11	4	79	8	3	...	6	1	2	...	1512	Chukla	
84	...	19	265	535	122	1	35	12	135	11	2	2	7	12	3	...	2862	Umerkhadi	
25	...	14	86	273	71	...	4	3	85	3	...	2	9	14	4	...	1787	Dongri	
97	...	22	84	281	61	1	13	11	54	7	3	3	12	3	1	...	1696	Market	C.
73	1	22	86	240	57	2	29	10	67	2	2	2	6	3	6	1	1549	Dhobi Talao	
76	...	9	73	174	26	...	8	7	40	2	1	1	1	3	2	1	1102	Fanaswadi	
86	...	14	93	371	47	2	7	31	76	4	2	4	17	6	2	1	1923	Bhuleshwar	
42	...	4	95	471	37	...	3	5	71	5	4	1	2	6	3	1	1535	Khara Talao ...	
30	...	8	103	525	45	3	3	5	64	...	1	...	5	1	1	...	1896	Kumbharwada ...	
100	...	18	74	308	41	4	8	8	55	3	2	4	10	3	4	...	1284	Khetwadi	D.
87	...	14	68	156	42	...	11	4	47	2	...	4	2	1	1	...	1034	Girgaum	
29	...	2	41	59	22	1	2	1	24	2	...	1	1	1	...	...	461	Chaupati	
20	...	4	20	39	13	1	1	2	10	1	...	3	...	1	2	...	296	Walkeshwar	
49	...	11	25	99	11	1	5	1	42	1	...	1	4	4	1	1	829	Mahalakshmi	
35	...	17	118	203	20	2	4	2	88	1	1	6	3	7	2	...	1690	Mazagon	E.
50	...	14	95	168	79	1	18	17	128	19	2	5	32	11	3	2	1577	Tarwadi	
120	...	7	48	276	31	1	2	2	68	...	1	4	8	4	1	...	1288	2nd Nagpada	
148	...	11	59	380	30	...	6	6	76	3	2	3	12	9	3	1	2069	Kamathipura	
113	...	5	21	233	19	...	3	4	86	1	...	2	1	3	1	...	1239	Tardeo	
143	...	12	380	537	41	1	8	11	196	4	3	6	8	15	2	1	3756	Byculla	
6	...	1	...	3	2	...	...	...	2	...	...	2	...	...	...	...	38	1st Nagpada ...	
83	...	14	175	249	63	...	3	11	78	4	2	8	4	5	...	1	1625	Parel	F.
18	...	1	46	62	11	...	1	1	29	1	...	3	...	...	...	...	462	Sewri	
36	...	3	123	99	33	4	3	4	70	3	...	10	5	6	1	...	1094	Sion	
56	...	2	92	194	40	...	5	12	56	7	...	7	7	1	1	3	1023	Mahim	G.
144	...	6	296	298	69	...	16	9	122	3	1	12	8	11	5	3	2412	Worli	
5	...	5	5	15	6	...	1	...	...	2	...	8	11	7	...	6	127	Harbour and Docks, Railways and Homeless.	
2412	1	320	2971	7389	1234	32	233	209	2033	120	36	121	212	164	61	28	42676	Total.	

Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System. Phthisis.	Respiratory System. Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	General. Drowning.	General. Other General Injuries.	Local Injuries.	Poisons.	Unspecified Causes.	Total, excluding Still-born.	SECTIONS.	Wards.
LOCAL DISEASES.												INJURIES.							

B

TABLE showing the number of DEATHS among all Races and

RACE OR CASTE.	Population by Census of 1901.	GENERAL DISEASES.																			
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Fevers. Enteric Fever.	Fevers. Malarial Fever, including Ague and Remittent.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.	Cancer.	Premature Birth.	Debility.	Old Age.	
Jains	14,248	12	8	765	...	2	105	2	...	...	...	2	74	15	25	...	1	1	76	37	
Brahmins ...	31,078	19	11	620	...	1	105	2	...	...	...	1	39	27	14	...	1	...	74	89	
Lingaets... ...	2,144	5	...	64	...	...	6	...	...	...	...	1	5	7	4	...	...	...	15	5	
Bhatias	5,359	3	3	69	...	1	23	...	...	...	...	...	12	3	3	...	1	...	12	18	
Hindus of other Castes.	366,501	347	132	8,104	...	11	1,100	75	[illegible]	10	...	163	904	467	147	71	11	19	1826	78	
Hindus, Low-Caste.	73,617	54	24	1,247	...	2	217	19	...	...	...	27	262	132	40	21	2	16	581	19	
Mussulmans ...	155,121	91	44	2,125	...	8	514	13	...	6	...	14	348	200	116	14	6	8	595	50	
Parsees... ...	46,231	3	1	195	...	7	143	1	1	4	2	4	75	26	6	...	11	13	52	59	
Jews	5,357	1	2	40	...	...	5	1	...	...	...	...	8	4	3	...	...	1	15	14	
Native Christians and Goanese.	29,645	36	1	276	...	11	124	1	...	...	1	6	102	31	5	11	13	12	92	30	
Eurasians ...	3,258	1	...	16	...	3	3	...	...	...	...	...	11	4	...	...	...	1	2	...	
Europeans ...	12,273	5	2	10	...	9	10	...	...	...	...	...	21	4	...	...	4	7	2	3	
Negro-Africans...	626	...	1	6	...	...	6	...	...	...	...	...	1	...	...	...	...	...	3	4	
Buddhists ...	395	...	...	1	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	1	
Other and unknown Race or Caste.	153	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	
All Races ...	776,906	568	229	13,538	...	55	2,361	114	6	20	3	219	1,863	921	363	117	50	79	3,346	1,620	1,7

RACE OR CASTE.	Population by Census of 1901.	GENERAL DISEASES.																			
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Fevers. Enteric Fever.	Fevers. Malarial Fever, including Ague and Remittent.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.	Cancer.	Premature Birth.	Debility.	Old Age.	Other General Disease.

Castes in the City of Bombay during the year 1904.

Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Diseases of the Respiratory System: Phthisis.	Diseases of the Respiratory System: Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion and Connective Tissue.	Other Local Diseases.	General: Drowning.	General: Other General Injuries.	Local Injuries.	Poisons.	Unspecified Causes.	TOTAL	RACE OR CASTE.
	...	18	103	355	63	...	8	13	59	8	...	1	3	3	2	...	1,885	Jains.
	...	17	106	235	44	1	7	1	51	4	1	2	10	5	2	...	1,514	Brahmins.
	...	...	5	29	2	...	...	...	2	...	...	...	...	...	...	...	159	Lingaets.
	...	7	22	62	15	...	2	2	13	2	1	...	1	...	...	...	307	Bhatias.
	1	94	1,458	3,426	521	11	70	88	922	50	9	81	104	98	22	14	21,901	Hindus of other Castes.
	...	9	233	900	68	1	9	22	302	2	2	7	13	15	4	2	4,480	Hindus, Low-Caste.
	...	64	909	1,960	255	6	54	51	442	37	17	15	57	30	9	6	9,176	Mussulmans.
	...	58	50	145	81	10	39	15	80	4	4	5	3	4	13	...	1,281	Parsees
	...	3	20	21	14	...	3	...	11	1	...	...	2	1	...	...	179	Jews.
	...	29	57	172	101	3	30	13	75	9	1	4	10	2	7	5	1,392	Native Christians and Goanese.
	...	6	5	9	24	...	1	1	3	2	...	1	3	1	1	1	128	Eurasians.
	...	13	...	12	44	...	10	...	7	1	...	4	3	2	1	...	208	Europeans.
	...	2	1	11	2	...	...	...	...	...	1	1	...	2	...	...	46	Negro-Africans.
	...	...	...	2	...	...	...	...	1	...	...	...	...	...	...	...	11	Buddhists.
	...	...	...	...	...	...	...	3	65	...	...	...	3	1	...	...	9	Other and unknown Race or Caste.
	1	320	2,971	7,339	1,234	32	233	209	2,033	120	36	121	212	164	61	28	42,676	All Races

LOCAL DISEASES. INJURIES.

DEATHS in different OCCUPATIONS from different CAUSES in

Title of Orders.	Occupation of Trade or Family.	General Diseases.														
					Fevers.											
		Small-pox.	Measles.	Plague.	Scarlet.	Enteric.	Malarial, including Ague & Remittent.	Relapsing.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
Professional—General.	1 (a) Imperial Government Officials, Clerks, &c....	...	...	27	...	1	8	...	...	...	...	...	...	5	...	...
Government ...	2 (b) Foreign Government Counsels, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	3 (c) Native States, Chiefs, Staffs, Retinue, &c. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	4 (d) Mul. and Local Government Police, &c...	4	...	243	...	...	49	6	...	...	...	5	15	19	...	...
Defence	5 (a) Army	...	...	8	...	2	1	...	...	...	...	...	...	...	...	...
	6 (b) Navy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Learned Professions.	7 (a) Ministers of Religious, Professors, &c. ...	1	...	40	...	...	5	...	...	...	...	...	1	1	...	...
	8 (b) Law, Medical, Literature (Science), &c. ...	...	...	17	...	...	8	...	...	...	...	1	1	...	...	...
	9 (c) Unlicensed Practitioners, Dentists, Opticians, Nurses, &c.	...	...	6	...	...	...	1	...	...	...	...	2	...	...	...
Commercial ...	10 (a) General Merchants in Special Goods ...	...	...	173	...	2	39	1	...	...	...	...	15	8	...	...
	11 (b) Bankers, Accountants, Clerks, Capitalists, Shroffs, &c.	1	1	239	...	...	26	2	...	...	...	...	13	11	...	...
	12 (c) Shopkeepers, other General Dealers, Hawkers, &c. ...	...	...	334	...	1	27	...	...	...	...	3	12	30	...	...
	13 (d) Intoxicate Drinks and Drugs Dealers ...	...	...	21	...	...	3	...	...	...	...	3	2	1	...	...
	14 (e) Vegetable Food Dealers.	...	...	107	...	...	8	...	...	...	...	...	2	2	...	...
	15 (f) Vegetable Substance Makers and Dealers...	...	...	1	...	...	3	...	...	...	...	...	...	...	...	...
	16 (g) Animal Food Dealers, Fishes, &c	...	...	69	...	...	8	...	...	...	...	...	1	3	...	...
	17 (h) Animal Substance Makers and Dealers...	1	...	64	...	1	9	...	...	...	...	1	2	3	1	...
	18 (i) Entertainers, Hotels, Clubs, Refreshment Housekeepers ...	3	...	11	...	...	1	...	...	...	...	...	...	...	...	...
	19 (j) Carriers on Road, Horses, Carriages, Carts and Keepers ...	1	...	230	...	...	18	1	...	...	...	5	5	13	...	...
	20 (k) Carriers on Seas, Boatmen, Seamen, &c.	2	...	48	...	2	11	1	...	...	...	2	1	13	...	...
Railway... ...	21 (a) Officials, Clerks, &c. ...	...	...	21	...	1	2	2	...	...	...	...	1	...	...	...
	22 (b) Workshop Servant, &c.	...	...	130	...	3	13	...	...	...	...	2	3	3	...	...
	23 (c) Labourers, Earthworkers, &c.	...	...	11	...	...	...	...	...	...	...	...	...	...	...	...
Port Trust and Harbour.	24 (a) Officials, Clerks, &c. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tramway ...	25 (b) General Labourers, &c.	...	...	10	...	1	1	...	...	...	...	...	2	1	...	...
	26 (a) Officials, Clerks, &c. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	27 (b) General Labourers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Industrial ...	28 (a) Metal, &c., Workshop Keepers, Mechanical Tool Makers	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
	29 (b) Metals, &c., Workshop Servants, Labourers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mills (Cotton, Silk &c.)	30 (a) Masters, Managers, Clerk. &c.	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...
	31 (b) Weavers, Spinners and other Workers ...	52	1	1160	...	1	156	12	...	...	...	38	31	35	12	...
Presses (Printing, &c.)	32 (a) Printers, &c.	1	...	...	...	...	5	...	...	...	...	...	1	...	...	...
	33 (b) Other General Labours.	1	...	41	...	...	...	...	...	...	...	...	...	1	1	...
Art	34 (a) Engineers, Photographers, Electricians, Architects	...	...	2	...	...	2	...	...	...	...	...	...	...	...	...
	35 (b) Builders in Boats, Houses, Coaches, &c.	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...
	36 (c) Watchmakers, Gilder, Engraver, &c.... ...	...	...	7	...	...	...	...	...	...	...	...	...	1	...	...

C.

the City of BOMBAY in the year 1904.

Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.	Local Diseases.												Injuries.				Unspecified Causes.	Total.
					Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.		Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	General.		Local Injuries.	Poison.		
								Phthisis.	Other Diseases of the Respiratory System.								Drowning.	Other General Injuries.				
...	...	...	..	2	2	...	3	4	6	3	...	1	...	...	...	...	...	...	...	...	...	62
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
1	...	1	8	31	5	...	12	40	92	12	...	2	1	...	1	...	3	3	2	1	1	557
...	...	...	...	10	2	...	1	1	3	2	...	1	...	...	...	...	...	...	...	...	...	21
2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	1	1	...	1	5	15	1	1	...	1	...	...	...	...	...	...	...	...	74
...	...	...	1	1	8	...	3	7	6	3	...	...	...	...	...	...	...	...	1	...	...	57
1	...	1	...	4	...	...	...	1	4	2	...	1	...	...	...	...	...	...	...	1	...	24
2	...	1	2	15	21	...	11	27	45	36	1	9	1	...	...	2	4	1	2	...	...	408
3	...	...	6	25	7	...	11	38	45	22	...	6	...	...	...	1	3	3	1	5	...	469
...	...	...	4	35	15	...	6	40	97	27	...	6	1	...	3	1	...	1	1	3	...	637
...	...	...	...	3	2	...	1	5	10	3	...	2	...	...	...	...	1	1	1	...	...	58
...	...	...	1	3	...	...	1	10	13	1	...	3	...	...	...	...	...	...	...	1	...	152
1	...	1	...	1	..	...	...	4	2	1	...	...	1	...	...	...	...	...	...	...	...	15
...	..	1	...	8	2	...	2	17	19	8	...	1	1	...	...	...	...	1	...	...	...	141
...	...	...	2	2	1	...	1	15	19	2	...	1	...	...	1	...	...	...	3	...	...	129
...	...	...	...	2	..	...	...	2	2	2	...	...	...	...	...	...	...	...	...	...	...	23
...	..	...	3	12	5	...	5	25	46	12	...	2	...	...	1	1	2	2	8	1	1	400
1	...	...	4	6	6	...	4	9	24	5	...	2	...	...	1	...	3	3	8	...	...	133
...	...	...	1	4	1	...	3	3	10	2	...	1	...	...	1	...	...	2	1	...	...	58
...	...	...	1	22	8	...	6	30	41	15	...	7	...	...	3	1	3	2	3	2	...	308
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
...	...	...	1	...	...	...	2	1	...	1	...	1	...	...	1	...	...	...	...	...	...	7
...	...	...	...	5	1	...	..	2	3	3	...	1	...	...	2	...	2	1	...	...	...	35
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	4	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...	10
1	...	5	17	60	7	...	7	391	195	37	...	10	9	...	5	...	9	10	3	4	..	2,268
...	...	...	...	3	1	...	...	3	1	3	...	...	...	...	...	...	...	...	...	...	...	18
...	...	...	...	2	...	...	1	7	5	...	...	...	...	...	...	...	...	...	...	...	...	59
...	...	...	...	...	...	...	1	1	2	1	...	1	...	...	...	...	...	1	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
1	...	...	...	...	1	...	1	1	1	1	...	...	...	...	...	...	...	...	...	...	...	14

Title of Orders.	Occupation or Trade of Family.	General Diseases.														
					Fevers.											
		Small-pox.	Measles.	Plague.	Scarlet.	Enteric.	Malarial, including Ague & Remittent.	Relapsing.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
Art.—*contd.*	37 (*d*) Metal Workers ...	1	...	158	...	...	26	...	...	...	...	2	7	3	...	...
	38 (*e*) Wood Workers ...	1	...	166	...	...	21	...	...	...	...	1	11	11	...	...
	39 (*f*) Stone Workers (Precious)	...	...	6	...	...	1	...	...	...	...	...	1	...	...	...
	40 (*g*) Leather Workers ...	1	...	91	...	...	18	...	...	...	...	1	1	4	...	...
	41 (*h*) Earth, Stone, Clay, &c., Workers	...	...	85	...	1	3	...	...	...	...	...	1	4	...	...
	42 (*i*) Textile Fabrics (Cotton, Silk, &c.,) Workers ...	...	...	28	...	...	3	...	...	...	...	...	1	2	...	...
	43 (*j*) Dyers, Painters, &c. ...	...	...	67	...	...	6	1	...	...	...	1	4	4	...	...
	44 (*k*) Glass Workers ...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
	45 (*l*) Salt Workers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	46 (*m*) Water Workers ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
	47 (*n*) Miscellaneous Works...	...	...	19	...	...	4	1	...	...	...	...	2	2	...	1
	48 (*o*) Players, Actors, Dancers, &c.	...	...	5	...	...	1	...	...	...	...	1	...	...	...	...
Agriculture ...	49 (*a*) Gardeners, Cultivators, Farmers, &c.	1	...	80	...	...	10	...	...	...	...	5	5	5	...	...
	50 (*b*) Grass, Hay, Forage, &c., Dealers	...	...	8	...	...	...	...	...	...	...	...	1	...	...	...
Other and Unspecified.	51 (*a*) Barbers, Washers, Tailors, Cooks, Bakers, &c.	...	...	247	...	1	28	1	...	...	...	3	15	9	...	...
	52 (*b*) General Labourers ...	4	1	2,145	...	4	241	43	2	...	...	46	64	96	14	4
	53 (*c*) Domestic Servants, Bhistis, &c.	39	...	325	...	2	32	3	...	...	...	1	8	7	...	...
	54 (*d*) Servants not otherwise described	15	1	1,025	...	3	112	1	...	...	...	10	30	30	...	...
	55 (*e*) Municipal Bigaries, &c.	3	...	...	...	...	...	...	...	...	...	...	...	...	7	...
Persons of Independent Means.	56 (*a*) Landlords	...	...	11	...	...	4	...	...	...	...	1	4	1	1	...
	57 (*b*) Pensioners	...	...	14	...	...	3	...	...	...	...	...	5	...	...	...
	58 (*c*) Mendicant, &c.... ...	7	...	171	...	...	46	2	...	...	...	5	40	23	2	5
Others	59 (*a*) Students	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	60 (*b*) Prisoners and Convicts.	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...
	61 (*c*) Others	5	...	26	...	1	5	...	...	...	...	7	22	7	1	...
	62 Persons following no occupations, Male ...	12	...	807	...	7	159	11	1	...	...	11	161	58	...	66
	63 Persons following no occupations, Female ...	45	2	2,193	...	9	471	16	1	...	...	29	275	155	...	56
	64 Persons following no occupations, Children ...	367	223	2,884	...	11	763	9	2	20	3	35	1,090	354	324	5
	Total ...	568	229	13,538	...	55	2,361	114	6	20	3	219	1,863	921	363	117

—*concluded.*

Cancer.	Premature Birth.	Debility.	Old Age.	Other General Diseases.	Local Diseases.												Injuries.				Unspecified Causes.	Total.
					Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.		Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	Drowning.	General.	Local Injuries.	Poison.		
								Phthisis.	Other Diseases of the Respiratory System.									Other General Injuries.				
...	...	1	...	15	6	...	1	32	51	11	...	2	1	...	1	...	1	1	4	1	...	335
...	...	3	8	19	1	...	3	20	40	9	1	1	1	...	2	1	...	1	4	...	...	325
...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	..	...	1	...	11
...	..	...	...	1	2	...	...	8	20	10	...	2	...	...	...	...	...	...	2	1	...	162
...	...	...	2	2	...	...	...	11	29	2	...	...	...	..	...	...	1	...	2	...	...	141
...	..	...	...	6	2	...	...	7	7	2	...	...	...	...	...	...	1	...	...	...	...	59
...	...	...	2	6	5	...	2	9	14	6	...	1	...	...	...	..	3	...	1	...	...	132
...	...	...	...	2	1	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	..	...	1	1	1	...	...	...	...	...	...	...	..	...	...	...	3
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	2	...	...	...	3	14	2	...	..	...	...	1	...	...	...	...	...	1	52
...	...	...	1	2	1	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	14
...	...	...	2	6	1	...	...	16	24	11	...	6	1	...	1	...	2	1	...	...	...	177
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	10
...	...	2	4	24	9	...	5	37	61	16	...	6	...	...	1	...	1	...	2	1	...	473
4	...	9	38	130	28	...	26	245	438	52	2	10	4	...	18	3	21	27	41	7	2	3,764
...	...	1	2	33	16	...	8	31	76	16	2	5	...	...	3	...	1	2	2	3	1	619
...	...	4	2	41	19	...	20	108	191	35	...	6	1	...	3	1	3	2	...	1	1	1,665
...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
...	...	2	4	6	5	...	1	5	11	1	...	2	...	...	1	...	...	...	...	...	..	60
2	...	...	11	3	9	...	4	1	15	6	...	2	...	...	1	...	...	...	1	...	...	77
...	...	2	21	47	13	...	8	53	103	7	1	5	...	...	6	3	5	21	2	4	2	610
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	1	...	2	...	...	2	...	...	...	...	...	...	...	...	...	1	1	9
...	...	1	8	11	2	...	11	8	26	7	...	...	...	...	3	...	...	5	4	1	...	161
7	...	31	629	145	111	...	68	178	523	82	2	20	6	...	16	6	19	41	15	4	3	3,204
23	...	64	835	402	186	1	60	1,187	1247	206	13	79	166	...	30	11	18	30	17	8	6	7,821
1	79	8,214	...	547	1,897	...	15	319	3733	552	9	28	14	2033	19	5	15	53	32	7	4	18,615
50	79	8,346	1,620	1,711	2,412	1	320	2,271	7339	1,234	32	233	209	2,033	120	36	121	212	164	61	28	14,709

TABLE showing the population and the number of Births and the Birth-rate by Sex and by Sections in the year 1904.

Wards.	SECTIONS.	POPULATION. Persons.	Males.	Females.	Number of persons under one year.	Number of persons of one year and under 5 years.	BIRTHS. Number of persons born alive during the year.	Males.	Females.	Birth-rate per 1,000 of population.	Number of males to every 100 female births.	Number of still-born.	SECTIONS.	Wards.
A	Upper Colaba	3,036	2,758	1,138	64	215	107	54	53	27·04	101·83	5	Upper Colaba	A
	Middle and Lower Colaba	9,123	8,109	4,014	197	769	297	151	146	28·80	103·42	24	Middle and Lower Colaba	
	Fort, Southern	3,203	2,910	623	30	81	34	22	12	10·27	183·3	3	Fort, Southern	
	Fort, Northern	25,955	13,588	9,308	274	1,193	621	301	320	27·05	84·06	59	Fort, Northern	
	Esplanade	10,396	7,264	3,134	183	471	206	110	95	19·81	114·58	22	Esplanade	
B	Mandvi	31,402	18,413	12,989	402	1,073	791	384	407	25·18	94·34	72	Mandvi	B
	Chukla	24,384	14,672	9,712	356	1,530	719	370	349	29·11	105·89	79	Chukla	
	Umerkhadi	4,481	2,641	1,840	104	2,598	1,129	562	558	23·10	100·71	135	Umerkhadi	
	Dongri	23,778	14,559	11,219	401	1,097	718	364	354	27·85	102·82	85	Dongri	
C	Market	29,415	18,734	9,681	366	1,442	561	295	266	19·74	110·90	54	Market	C
	Dhobi Talao	24,583	17,737	11,816	436	1,574	664	348	316	22·46	110·12	67	Dhobi Talao	
	Fanaswadi	16,354	10,034	6,320	215	825	4 4	210	214	25·03	98·13	40	Fanaswadi	
	Bhuleshwar	30,129	17,113	11,034	444	1,592	592	324	269	19·28	120·07	76	Bhuleshwar	
	Khara Talao	23,151	14,124	8,997	323	1,315	733	358	375	31·64	95·46	71	Khara Talao	
	Kumbharwada	27,914	16,284	11,180	434	1,465	701	374	327	25·15	114·37	64	Kumbharwada	
D	Khetwadi	27,160	16,247	10,873	324	1,590	733	373	360	26·98	103·61	55	Khetwadi	D
	Girgaum	14,866	9,151	5,775	190	817	443	210	230	29·80	91·30	47	Girgaum	
	Chawpati	8,723	4,174	2,625	90	319	224	120	104	34·77	103·26	24	Chawpati	
	Walkeshwar	10,362	6,497	3,830	142	572	205	98	107	19·40	93·28	16	Walkeshwar	
	Mahalakshmi	18,092	10,953	7,139	238	1,079	430	232	198	23·74	117·17	42	Mahalakshmi	
E	Mazagaon	27,933	16,590	11,343	322	1,776	594	298	296	21·26	100·67	88	Mazagaon	E
	Tarwadi	18,460	11,509	6,951	231	1,008	523	300	223	28·33	134·52	128	Tarwadi	
	2nd Nagpada	18,511	10,625	7,956	210	1,117	535	257	278	28·77	92·44	68	2nd Nagpada	
	Kamathipura	26,704	15,275	11,471	343	1,275	921	487	434	34·11	112·21	76	Kamathipura	
	Tardeo	20,955	12,213	8,742	240	1,219	464	330	334	31·66	98·80	86	Tardeo	
	Byculla	57,846	34,544	23,102	781	3,291	1,785	903	877	30·85	103·33	196	Byculla	
	1st Nagpada	10,577	6,708	4,249	98	577	17	7	10	1·60	70·00	2	1st Nagpada	
F	Parel	33,390	20,430	12,960	518	1,916	913	482	431	27·34	111·83	78	Parel	F
	Sewri	9,234	5,605	3,629	139	685	312	164	148	33·76	110·81	59	Sewri	
	Sion	25,443	15,139	10,304	419	1,820	738	383	355	29·12	107·88	70	Sion	
G	Mahim	27,386	15,927	11,459	406	1,968	692	449	243	25·26	101·74	56	Mahim	G
	Worli	45,589	27,329	18,259	568	2,653	1,933	778	757	33·67	102·77	122	Worli	
	Harbour and Docks, Railways and Homeless	37,681	34,018	3,663	107	579	6	3	3	0·15	100·00	....	Harbour and Docks, Railways and Homeless.	
	Total	776,106	479,786	29,620	9,930	43,404	19,956	10,906	9,050	25·21	104·77	2,033	Total.	

Wards.	SECTIONS.	POPULATION. Persons.	Males.	Females.	Number of persons under one year.	Number of persons of one year and under 5 years.	BIRTHS. Number of persons born alive during the year.	Males.	Females.	Birth-rate per 1,000 of population.	Number of males to every 100 female births.	Number of still-born.	SECTIONS.	Wards.

E.

STILL-BORN in different RACES and CASTES, arranged in Quarters during the year 1904.

MONTHS.	MALES.																			FEMALES.																			PERSONS.																			MONTHS.
	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, of Low-Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus of Low-Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, of Low-Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	
January	1	2	..	..	44	10	22	1	..	2	..	..	..	..	2	84	1	1	..	..	29	6	23	3	..	5	1	2	..	..	3	73	2	3	..	..	73	16	45	4	..	7	1	2	..	..	4	157	January.
February	2	3	..	..	39	10	17	..	2	1	..	..	..	..	2	80	3	1	..	1	30	7	17	2	..	1	..	2	..	..	3	68	5	4	..	1	69	17	34	2	2	8	..	2	..	..	5	145	February.
March	4	..	..	2	50	13	19	3	..	1	..	..	..	..	3	95	..	1	..	..	30	10	16	8	1	3	..	..	..	..	3	72	4	1	..	2	80	23	35	11	1	4	..	..	..	..	6	167	March.
Quarter, 1st..	7	5	..	2	133	33	58	4	2	3	..	..	..	..	7	259	4	3	..	1	89	23	56	13	1	9	1	2	..	..	8	210	11	8	..	3	223	56	114	17	3	17	1	2	..	..	15	469	Quarter, 1st.
April	5	4	..	..	42	13	18	4	1	3	..	..	..	..	3	93	1	2	..	..	32	9	15	2	1	..	..	1	..	..	3	66	6	6	..	..	74	22	33	6	2	3	1	..	..	..	6	159	April.
May	..	1	..	1	51	15	18	1	..	3	..	..	..	..	3	101	2	..	..	..	21	12	13	6	1	4	..	..	..	..	4	63	2	1	..	1	72	28	31	6	1	10	..	..	..	..	12	164	May.
June	2	3	..	1	29	15	18	4	..	2	..	2	..	..	4	80	1	..	..	..	33	8	13	2	..	2	..	..	..	..	3	87	3	3	..	..	62	18	31	6	..	4	..	2	..	..	7	147	June.
Quarter, 2nd..	7	8	..	2	122	43	54	9	1	11	..	2	..	..	15	274	4	2	..	..	83	29	41	9	2	6	..	1	..	..	10	189	11	10	..	2	208	63	95	18	3	17	..	3	..	..	25	460	Quarter, 2nd
July	4	4	1	1	46	17	23	4	..	4	..	..	..	..	3	107	4	..	..	3	27	6	18	3	1	3	..	..	..	..	1	66	8	4	1	4	73	23	41	7	1	7	..	..	..	..	4	173	July.
August	..	5	..	..	54	17	28	4	..	3	..	..	..	..	2	113	2	5	..	..	39	13	16	6	..	1	..	..	..	..	..	82	2	10	..	..	93	30	44	10	..	4	..	..	..	..	2	195	August.
September	4	4	..	..	50	21	22	4	1	7	..	1	..	..	1	115	3	2	..	..	43	19	15	3	..	2	..	..	..	..	3	87	7	6	..	..	93	40	34	7	1	9	..	1	..	..	4	202	September.
Quarter, 3rd..	8	13	1	1	150	55	73	12	1	14	..	1	..	..	6	335	9	7	..	3	109	38	49	12	1	6	..	..	..	..	4	238	17	20	1	4	239	93	119	24	2	20	..	1	..	..	10	570	Quarter, 3rd.
October	2	2	..	..	53	21	22	5	1	4	..	..	..	1	..	111	4	3	..	1	37	12	15	2	1	2	1	..	..	..	2	80	6	5	..	1	90	33	37	7	2	6	1	..	..	1	2	191	October.
November	7	4	..	1	32	12	27	6	1	6	..	..	..	..	6	100	3	3	1	..	33	13	17	1	..	3	..	..	..	..	1	75	10	7	1	1	65	25	44	6	1	8	..	..	..	..	7	175	November.
December	..	1	..	..	39	15	18	4	..	4	1	1	..	..	3	86	4	0	..	2	39	12	15	4	..	3	..	..	..	..	3	82	4	1	..	2	78	27	33	8	..	7	1	1	..	..	5	186	December.
Quarter, 4th..	9	7	..	1	124	48	67	14	2	13	1	1	..	1	9	297	11	6	1	3	109	37	47	7	1	8	1	..	..	..	6	237	20	13	1	4	233	85	114	21	3	21	2	..	1	15	534	Quarter, 4th.
Year..	31	33	1	6	529	179	252	39	6	46	1	4	..	1	37	1165	28	18	1	7	393	125	180	41	5	29	3	3	..	..	28	868	59	51	2	13	922	302	442	90	11	75	3	7	..	1	65	2033	Year.

	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other Castes.	Hindus, of Low-Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.
	MALES.															
	FEMALES.															
	PERSONS.															

F.

STILL-BORN in different LOCALITIES, arranged in Quarters, during the year 1904.

MONTHS.	A						B					C						D						E							F				G			Harbour and Docks, Railways and Homeless.	Totals.	MONTHS.
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umerkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chowpatti.	Walkeshwar.	Mahalakshmi.	Total.	Mazagaon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.			
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2				
January	1	2	..	1	2	6	9	7	13	9	38	4	4	1	9	7	7	32	2	4	3	1	2	12	2	2	3	7	5	14	..	46	6	1	6	13	1	9	10	..	157	January.
February	..	1	..	5	1	7	8	4	14	8	34	4	1	3	6	4	5	23	3	4	2	1	1	11	2	4	6	11	8	15	..	46	6	1	2	9	7	8	15	..	143	February.
March	..	1	..	9	1	11	3	3	11	8	25	3	4	4	9	4	3	27	3	..	1	..	6	15	5	11	6	4	8	23	..	52	9	1	7	17	10	11	21	..	167	March.
Quarter, 1st	1	4	..	15	4	24	20	14	38	25	97	11	9	8	24	15	14	81	13	8	6	2	9	38	11	24	22	22	11	54	..	144	21	3	15	39	18	28	46	..	469	Quarter, 1st.
April	..	3	..	2	1	6	6	2	8	6	22	9	3	1	10	8	4	35	4	5	..	..	4	13	10	12	2	6	4	16	..	50	6	4	5	15	3	15	18	..	159	April.
May	..	4	..	2	2	8	8	9	13	5	35	5	3	3	1	6	5	23	6	4	1	1	3	15	9	9	1	8	6	11	..	44	10	4	9	23	3	7	10	..	164	May.
June	2	..	..	2	2	7	2	6	9	4	21	..	5	4	9	6	6	30	3	2	2	1	6	14	7	4	6	4	7	9	..	37	4	3	6	13	4	12	16	..	137	June.
Quarter, 2nd	2	6	..	5	5	21	16	17	30	15	78	14	16	8	20	20	15	93	13	11	3	2	13	42	26	25	9	18	17	36	..	131	20	11	20	51	10	34	44	..	460	Quarter, 2nd.
July	..	1	..	6	3	10	9	8	13	9	37	7	5	5	8	7	3	35	2	5	1	3	3	14	10	11	3	5	12	20	..	61	6	3	3	10	1	5	6	..	173	July.
August	..	4	1	4	2	11	6	8	11	7	32	4	12	2	7	7	7	39	7	3	4	..	4	18	8	10	5	3	7	23	..	56	7	..	10	17	6	16	22	..	195	August.
September	..	1	..	7	4	12	7	8	10	9	34	5	3	3	7	6	5	31	7	6	3	..	4	20	13	11	9	8	12	21	..	74	6	6	8	20	2	9	11	..	202	September.
Quarter, 3rd	..	6	1	17	9	33	22	22	34	25	103	16	20	12	22	20	15	105	16	14	8	3	11	52	31	32	17	16	31	64	..	191	19	7	21	47	9	30	39	..	570	Quarter, 3rd.
October	1	3	1	8	2	12	2	7	15	8	32	4	7	7	4	4	7	33	8	6	1	..	3	18	5	12	7	5	7	22	2	61	8	2	3	13	10	12	22	..	191	October.
November	..	1	..	3	..	3	7	7	11	5	30	6	9	3	4	7	4	33	4	6	2	3	2	17	6	17	8	10	8	8	..	57	4	3	7	14	6	9	15	..	175	November.
December	1	4	1	6	2	14	3	12	7	7	31	3	6	2	2	5	9	27	1	2	4	..	4	11	9	17	5	5	12	12	..	60	6	3	4	13	3	9	12	..	168	December.
Quarter, 4th	2	8	2	19	4	35	12	26	33	20	93	13	22	12	10	16	20	92	13	14	7	3	9	46	20	47	20	20	27	43	2	178	18	8	14	40	19	30	49	..	534	Quarter, 4th.
Year	5	24	3	59	22	113	72	79	135	85	371	54	67	40	76	71	64	372	55	47	24	10	42	178	88	128	68	76	86	196	2	644	78	29	70	177	56	122	178	..	2033	Year.

	A						B					C						D						E							F				G			Harbour and Docks, Railways and Homeless.	Totals.
	1	2	3	4	5		1	2	3	4		1	2	3	4	5	6		1	2	3	4	5		1	2	3	4	5	6	7		1	2	3		1	2			
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Mandvi.	Chukla.	Umerkhadi.	Dongri.	Total.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Total.	Khetwadi.	Girgaum.	Chowpatti.	Walkeshwar.	Mahalakshmi.	Total.	Mazagaon.	Tarwadi.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Total.	Parel.	Sewri.	Sion.	Total.	Mahim.	Worli.	Total.		
	A						B					C						D						E							F				G				

GENERAL DISEASES.

HOSPITALS.	Still-born.		Small-pox.		Measles.		Plague.		Fever.		Cholera.		Diarrhœa and dysentery.		Puerperal Septicæmia.		Leprosy		Premature Birth.		Other General Diseases		Nervous System.		Circulatory System.		Phthisis.		Other Diseases of the Respiratory System.		Digestive System.		Urinary System.		Generative System.		Other Local Diseases.		Injuries.		Unspecified Causes.		TOTAL.			HOSPITALS.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons.	
Adams Wylie Hospital..	..	..	..	..	..	..	..	..	2	1	..	..	23	1	..	..	..	..	..	..	7	4	4	1	3	..	17	11	8	1	3	2	..	..	..	1	1	..	..	..	69	21	90	Adams Wylie Hospital.
Arthur Road Hospital ..	..	..	62	30	..	..	9	1	51	7	31	14	5	1	..	..	..	..	..	..	5	..	4	1	..	1	8	4	5	2	..	..	..	..	..	1	..	..	..	..	124	61	245	Arthur Road Hospital.
Bai Motlabai Hospital..	76	55	2	1	..	..	..	2	..	4	..	..	6	9	..	..	7	..	13	4	3	24	7	12	..	2	2	3	8	15	8	10	..	2	2	15	1	1	1	8	..	..	53	119	172	Bai Motlabai Hospital.
Cama Hospital	38	36	..	..	..	..	..	4	3	6	..	..	3	15	..	..	5	..	16	6	8	16	8	12	..	5	1	20	6	8	1	4	..	2	2	12	..	..	..	1	..	..	48	116	164	Cama Hospital.
Colaba Lunatic Asylum.	..	..	..	..	..	..	2	..	2	2	..	..	2	..	..	..	..	..	..	..	1	1	1	1	..	1	..	..	1	..	..	1	2	..	..	..	..	..	..	..	..	..	9	5	14	Colaba Lunatic Asylum.
Colaba Station Hospital.	2	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	1	..	4	..	3	1	..	..	..	..	3	..	2	1	..	..	..	1	..	..	..	..	17	3	20	Colaba Station Hospital.
Dr. Massina's Hospital..	16	10	..	..	..	1	..	1	..	2	..	..	..	..	..	..	5	3	4	6	4	4	3	..	..	..	4	..	3	2	1	2	..	3	..	1	1	..	..	..	24	25	49	Dr. Massina's Hospital.
Goculdas Tejpal Hospital.	..	..	..	..	..	..	1	..	3	3	..	..	54	4	..	..	..	..	..	..	42	11	16	1	3	..	..	..	99	23	24	2	9	1	2	1	3	2	45	6	..	..	310	54	364	Goculdas Tejpal Hospital.
J. J. Hospital	..	..	..	..	..	..	17	..	23	10	..	..	193	28	..	..	..	..	..	..	121	44	37	19	16	7	52	46	185	64	71	13	18	4	8	1	26	18	64	23	..	..	738	275	1013	J. J. Hospital.
Matunga Leper Asylum..	..	..	..	..	..	..	..	..	1	2	..	..	1	2	..	..	52	27	..	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	54	29	83	Matunga Leper Asylum.
Maratha Hospital ..	..	..	..	..	..	..	632	156	14	6	..	..	1	2	..	..	..	..	..	..	2	1	3	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	676	163	839	Maratha Hospital.
Modikhana Hospital ..	..	..	..	..	..	..	542	53	..	..	..	..	1	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	346	54	400	Modikhana Hospital.
Parsee Hospital	..	1	..	..	..	..	32	32	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	32	33	65	Parsee Hospital.
Parsee Lying-in Hospital.	8	11	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	3	1	1	3	7	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	12	7	20	Parsee Lying-in Hospl.
Police Hospital.. ..	..	..	..	..	..	..	7	..	3	..	..	..	..	..	..	..	1	..	..	..	..	1	..	2	..	..	..	..	8	..	..	..	..	..	..	..	1	..	..	..	..	22	..	22	Police Hospital.
St. John's Hospital ..	7	..	..	..	..	..	..	..	1	1	..	..	1	1	..	..	..	..	2	..	1	..	2	2	..	1	..	..	1	2	..	1	..	..	..	..	2	2	..	1	..	..	6	10	16	St. John's Hospital.
St. Joseph's Foundling Hospital	..	..	..	..	..	..	..	..	20	22	..	..	10	25	..	..	..	..	1	8	5	13	18	..	..	..	1	1	3	3	5	5	1	..	..	..	..	..	1	..	1	2	..	64	83	147	St. Joseph's Foundling Hospital.
St. George's Hospital ..	2	4	3	1	..	..	13	6	8	2	1	..	12	4	..	..	..	..	..	..	15	7	6	6	2	..	1	..	18	5	21	9	3	1	..	1	..	1	9	..	..	..	112	43	155	St. George's Hospital.
104th Rifle Hospital ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	104th Rifle Hospital.
Bombay Infantry Hospl.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	Bombay Infantry Hospl.
123rd Rifle Marine Hospl.	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	1	2	3	123rd Rifle Marine Hospl.
121st Pioneer's Hospital.	..	1	..	..	..	..	..	..	1	1	..	..	1	..	..	..	..	..	..	..	2	..	2	1	..	..	..	..	5	3	2	..	..	..	..	2	..	..	..	..	13	8	21	121st Pioneer's Hospital.
Native General Hospital.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	6	..	6	Native General Hospital.
117th Bombay Infantry Maratha Hospital	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	117th Bombay Infantry Maratha Hospital.
Adamjee Peerbhoy Hospl.	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	1	3	Adamjee Peerbhoy Hospl.
Total.. Males ..	149	..	67	..	..	..	1076	..	137	..	32	..	226	..	..	..	52	..	41	..	232	..	129	..	31	..	82	..	359	..	140	..	33	..	9	..	41	..	122	..	2	..	2802	..	..	Males ..
Total.. Females ..	..	121	..	32	..	..	..	256	..	70	..	14	..	92	..	12	..	27	..	15	..	125	..	79	..	17	..	85	..	128	..	48	..	13	..	36	..	27	..	41	..	..	..	1115	..	Females ..
Total.. Persons ..	270		99		..		1332		207		46		318		12		79		56		357		198		48		167		485		188		48		45		68		164		2		....		3917	Persons ..

HOSPITALS.	Still-born.		Small-pox.		Measles.		Plague.		Fever.		Cholera.		Diarrhœa and Dysentery.		Puerperal Septicæmia.		Leprosy		Premature Birth.		Other General Diseases.		Nervous System.		Circulatory System.		Phthisis.		Other Diseases of the Respiratory System.		Digestive System.		Urinary System.		Generative System.		Other Local Diseases.		Injuries.		Unspecified Causes.		TOTAL.			HOSPITALS.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons.	
	Still-born.		Small-pox.		Measles.		Plague.		Fever.		Cholera.		Diarrhœa and Dysentery.		Puerperal Septicæmia.		Leprosy		Premature Birth.		Other General Diseases.		Nervous System.		Circulatory System.		Phthisis.		Other Diseases of the Respiratory System.		Digestive System.		Urinary System.		Generative System.		Other Local Diseases.		Injuries.		Unspecified Causes.		TOTAL.			
	GENERAL DISEASES.																						LOCAL DISEASES.																					

H.

TABLE showing the Number of Plague Deaths by Streets and Races during 1904.

LOCALITY.				RACES.															
Ward.	Section.	STREET.	Population by Section.	Jains.	Brahmins.	Lingayets.	Bhatias.	Hindus of other castes.	Hindus, low castes.	Musalmans.	Parsis.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Unknown.	
A		**Upper Colaba.**																	
	Upper Colaba.	Beach Road	3,956	...	...	...	...	2	...	1	...	...	...	...	...	...	...		
		Lunatic Asylum		...	...	...	...	3	...	...	1	...	1	...	...	...	...		
		Pilot Bunder (Parsi Bazar)		...	...	...	...	...	5	1	...	...	...	...	...	...	...		
		No fixed place		...	...	...	...	1	2	...	...	...	...	...	...	...	...		
A		**Middle and Lower Colaba.**																	
	Middle and Lower Colaba.	Wode House Road ...	13,023	...	1	...	...	7	2	1	...	...	...	...	..	...	...		
		Arthur Bunder Road ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...		
		Grant Buildings		...	...	...	...	...	1	...	...	...	...	1	2	...	...		
		Saluting Battery		...	...	...	...	1	...	...	...	...	...	...	...	...	...		
		Apollo Reclamation ...		...	...	...	...	2	2	...	...	...	...	...	1	...	...		
		Bohra Cross Lane ...		...	...	...	...	10	1	...	...	...	...	...	...	...	...		
		Bohra Street		...	...	...	...	16	...	...	...	...	...	...	...	...	...		
		Colaba Causeway... ...		...	1	...	...	1	...	...	...	...	2	...	...	...	...		
		Colaba Road		...	...	...	...	3	...	...	...	...	1	...	...	...	...		
		Cotton Green Road ...		...	...	...	...	1	2	1	...	...	...	...	...	...	...		
		1st Koli Lane		...	...	...	...	3	...	...	...	...	...	...	...	...	...		
		2nd Koli Lane		...	...	...	...	6	2	...	...	...	...	...	...	...	...		
		4th Koli Lane		...	1	...	...	8	...	...	...	...	...	...	...	...	...		
		Gun Carriage Street ...		...	...	...	...	18	2	3	...	...	...	...	...	...	...		
		Hamal Street		2	...	...	...	15	1	...	...	...	1	...	...	...	...		
		Jamsedji Bunder		...	...	...	...	1	...	...	...	...	...	...	...	...	...		
		Mereweather Road ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...		
		Manekji Street		...	...	...	...	18	1	1	...	...	...	...	...	...	...		
		Naoroji Street		...	1	...	...	5	...	1	...	...	...	...	...	...	...		
		Pestonji Street		...	...	...	...	...	...	1	...	...	...	...	...	...	...		
		Thomas Road		2	...	...	...	33	4	1	...	...	...	...	...	...	...		
		Victoria Bunder Road ...		...	1	...	...	10	3	1	...	...	...	...	...	...	...		
		Tullock Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...		
A	No. I.	**Fort, South.**																	
	Fort, South.	Apollo Street	3,309	...	...	...	...	2	1	...	...	...	1	...	1	...	...		
		Apollo Pier Road... ...		...	...	...	...	1	...	1	...	...	...	...	...	...	...		
		Armenian Lane		...	...	...	...	...	1	...	...	...	1	...	...	...	...		
		Bake House Lane ...		...	...	...	...	...	1	...	1	...	...	...	...	...	...		
		Barber Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...		
		Beli Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...		
		Church Gate Street ...		...	...	...	...	1	...	...	1	...	...	...	...	...	...		
		Custom House Road ...		...	...	...	...	1	...	1	...	...	...	...	...	...	...		
		Dalal Street		...	...	...	...	1	...	...	...	...	1	...	...	...	...		
		Elphinstone Circle ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...		
		Forbes Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...		
		Green Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...		
		Hummum Street		...	...	...	...	...	...	1	...	...	2	...	...	...	...		
		Meadow Street		...	...	...	...	1	...	...	...	...	1	...	...	...	...		
		Tamarind Lane		...	...	...	...	1	...	2	...	...	...	1	...	...	...		
		Bank Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...		
A	No. I.	**Fort, North.**																	
	Fort, North.	Agiary Lane	22,956	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	
		Bhoiwar Lane		...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	
		Barrack Street		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	
		Bohra Bazar Street ...		3	2	...	5	24	1	...	3	...	...	...	...	...	...	...	32
		Bazar Gate Street... ...		5	2	...	...	12	2	4	4	...	3	...	...	...	...	...	4
		Bamonji Lane		...	...	...	...	1	...	...	3	...	...	...	...	...	...	...	15
		Cawasji Patel Street ...		...	...	...	...	5	...	...	10	...	...	...	...	...	...	...	

N.B.—Street population is not available.

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*contd.*

LOCALITY.		RACES.																
	STREET.	Population by Section.	Jains.	Brahmins.	Lingayets.	Bhatias.	Hindus of other castes.	Hindus, low caste.	Musalmans.	Parsis.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
No. I.	**Fort, North—*contd.***																	
Fort.	Chana Street	22,956	3	...	...	...	1	1	1	...	...	...	...	...	...	...	...	6
	Cochin Street		...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	10
	Calicut Street		1	...	...	...	1	1	3	...	...	...	...	...	...	...	...	6
	Dwarkadas Lane		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
	Frere Road...		7	3	...	...	11	4	5	3	...	1	1	...	...	...	...	35
	Fort Street...		...	...	...	...	6	...	1	...	...	...	1	2	...	...	...	10
	Gola Lane		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Goa Street...		...	...	...	...	8	...	...	1	...	...	...	...	...	...	...	9
	Gogha Street		...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	6
	Gunbow Street		...	...	...	...	1	1	...	6	...	...	...	...	...	...	...	8
	Homji Street		...	...	...	...	1	...	...	2	...	...	...	...	...	...	...	3
	Jijibhai Dadabhai Lane ...		...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	3
	Jivaji Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Karwar Street		...	...	...	...	11	4	2	...	...	...	...	...	...	...	...	17
	King Lane...		...	2	...	3	5	...	...	1	...	...	...	...	...	...	...	11
	Kompta Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Mangalore Street		...	...	...	...	1	1	...	...	...	1	...	...	...	...	...	3
	Manordas Street		...	1	...	1	2	...	...	...	...	...	...	...	...	...	...	4
	Maruty Street		...	...	...	...	7	...	2	1	...	...	...	...	...	...	...	10
	Mint Road		4	2	...	2	14	1	...	2	...	1	...	...	...	...	...	26
	Mody Street		4	2	...	3	14	...	8	5	...	1	...	...	...	...	...	37
	Mangesh Senoi Street ...		3	3	...	2	7	...	...	...	...	...	...	...	...	...	...	15
	Nanabhai Lane		...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	3
	Police Court Lane ...		...	...	...	...	2	...	...	4	...	...	...	...	...	...	...	6
	Pitha Street		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
	No fixed place		...	...	...	...	3	2	...	...	...	...	...	...	...	...	...	5
No. I.	**Esplanade.**																	
Esplanade.	Cambay Street	10,306	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
	Esplanade Road		...	...	...	1	2	3	1	...	...	...	...	...	...	...	...	7
	Hornby Road		1	...	...	2	6	1	2	...	...	...	...	...	...	...	...	12
	Marine Lines		...	...	...	...	3	1	...	...	...	...	...	...	...	...	...	4
	Marzban Road		...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	2
	Paltan Road		...	...	...	...	...	21	...	...	...	...	...	...	...	...	...	21
	Raveline Street		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
	Carnac Road		...	...	...	...	4	1	3	...	...	...	...	...	...	...	...	8
	Infantry Hospital ...		...	...	...	...	3	1	3	...	...	1	...	...	...	...	...	8
	Alibag Street		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
	Bori Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	G. T. Camp.		...	...	...	...	3	...	...	...	...	1	...	...	...	...	...	4
	Jamnagar Street		1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	Veraval Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	No fixed place		...	4	...	1	16	4	5	...	1	5	1	1	...	...	...	38
Harbour	**Harbour and Docks Railways and homeless.**	27,681	..	...	...	...	4	...	3	...	...	1	2	1	...	...	...	11
No. 1.	**Mandvi.**																	
Mandvi.	Dontad Cross Lane ...	31,402	...	...	...	...	2	1	...	...	1	...	...	...	...	...	...	4
	Bhandari Cross Lane ...		...	3	...	...	3	1	...	...	...	1	...	...	...	...	...	8
	1st Samuel Street ...		...	5	...	4	4	2	...	...	...	...	...	...	...	...	...	15
	Jambli Cross Lane ...		...	...	...	...	4	1	...	...	...	...	...	...	...	...	...	5
	4th Koliwada Lane ...		...	...	...	...	16	3	1	...	...	...	...	...	...	...	...	20
	1st Koliwada Cross Lane..		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*contd.*

LOCALITY.			RACES.																
Ward.	Section.	STREET.	Population by Section.	Jains.	Brahmins.	Lingyats.	Bhatias.	Hindus of other castes.	Hindus, low-caste.	Mussalmans.	Parsis.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.
B		**Mandvi—*contd.***																	
	Mandvi.	Chinch Bunder Cross Lane	31,402	...	...	...	...	6	1	...	...	...	...	...	...	...	...	...
		Khadak Street		...	...	...	...	...	1	1	...	...	...	...	...	...	...	...
		Carnac Cross Lane		...	...	...	...	10	4	...	...	...	...	...	...	...	...	...
		Samuel Street		...	1	...	1	6	1	1	...	...	...	...	...	...	...	...
		Chakla Street		2	2	...	1	5	2	3	...	...	...	...	...	...	...	...
		Kumbharwada 1st Cross Lane		...	1	...	...	2	...	...	...	...	...	...	...	...	...	...
		Esplanade Cross Lane		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...
		Syed Mukri Street		...	...	...	...	3	...	4	...	...	...	...	...	...	...	...
		Mirchi Lane		...	...	...	2	...	1	...	...	...	...	...	...	...	...	...
		2nd Samuel Street		...	2	...	2	2	...	2	...	1	...	...	...	...	...	...
		Dariasthan Street		...	3	...	...	6	3	...	...	...	...	...	...	...	...	...
		Garibdas Street		...	2	...	...	6	1	...	...	...	...	...	...	...	...	...
		Clive Road		...	1	...	...	18	2	...	...	...	...	...	...	...	...	...
		Dongri Cross Lane		...	...	...	...	8	1	1	...	...	...	...	...	...	...	...
		Carnac Siding Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
		Baroda Street		...	1	...	...	7	3	...	...	...	...	...	...	...	...	...
		Frere Road		...	...	...	...	2	2	2	...	...	...	...	...	...	...	...
		Bhandoop Street		...	1	...	...	5	2	...	...	...	...	...	...	...	...	...
		Carnac Road		...	...	...	...	4	...	1	...	...	...	...	...	...	...	...
		Mandvi Road Side		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
		Broach Street		...	7	...	...	17	3	...	...	...	1	...	...	...	...	...
		DeSouza Street		...	4	...	1	28	7	...	...	...	...	...	...	...	...	...
		Cooria Street		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...
		Chinch Bunder Road		...	4	...	...	30	4	1	...	...	...	...	...	...	...	...
		Tantanpura Street		...	...	...	...	1	1	1	...	1	...	...	...	...	...	...
		Chakla Cross Lane		...	...	...	...	9	1	...	...	...	...	...	...	...	...	...
		DeSouza Cross Lane		...	1	...	...	5	...	...	...	...	...	...	...	...	...	...
		Bhandari Street		...	1	...	4	15	6	8	...	...	1	...	...	...	...	...
		Musjid Siding Road		...	1	...	...	11	4	...	...	1	...	...	...	...	...	...
		Musjid Bunder Road		...	1	...	...	4	3	1	...	...	...	...	...	...	...	...
		Argyle Cross Lane		...	1	...	...	2	3	...	...	...	...	...	...	...	...	...
		Musjid Station Road		...	1	...	...	18	6	2	...	...	1	...	...	...	...	...
		III Koliwada Lane		...	...	...	...	8	3	1	...	...	...	...	...	...	...	...
		Surat Street		...	...	...	...	7	3	...	...	...	...	...	...	...	...	...
		Kazi Sayed Street		1	4	...	4	6	4	4	...	...	...	...	...	...	...	...
		I Koliwada Lane		...	...	...	...	18	...	...	...	...	...	...	...	...	...	...
		Janjikar Street		...	1	...	...	26	4	1	...	...	...	...	...	...	...	...
		Dongri Street		2	15	1	1	64	18	2	...	...	...	...	...	...	...	...
		Old Bengalpura		...	...	...	...	7	6	9	...	...	...	...	...	...	...	...
		Argyle Road		...	1	...	...	22	11	...	...	...	...	...	...	...	...	...
		II Koliwada Lane		...	...	...	...	16	3	2	...	...	...	...	...	...	...	...
		Pydhownie Road		...	...	...	...	2	...	5	...	1	...	...	...	...	...	...
		Isaji Street		...	3	...	1	15	5	...	...	...	...	...	...	...	...	...
		II Koliwada Cross Lane		...	...	...	...	4	3	...	...	...	...	...	...	...	...	...
		Israel Mohalla		...	...	...	...	...	1	2	...	4	...	...	...	...	...	...
		Mansion Road		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
		Jambli Street		...	2	...	1	17	6	1	...	...	...	...	...	...	...	...
B		**Chukla.**																	
	Chukla.	Abdool Rehman Street	24,384	...	...	...	...	2	...	17	...	...	...	...	...	...	...	...
		Musjid Bunder Road		...	2	...	...	5	1	3	...	...	...	...	...	...	...	...
		Jackeria Musjid Street		...	...	...	...	...	1	19	...	...	...	...	...	...	...	...
		Nakhoda Street		...	...	...	...	4	3	10	...	...	...	...	...	...	...	...
		Chakla Street		...	...	...	...	3	...	15	...	...	...	...	...	...	...	1
		Narayan Dhuru Street		1	2	...	...	20	8	36	...	...	...	...	...	...	...	67
		Dhobie Lane		...	2	...	...	5	11	...	...	...	...	...	...	...	...	18
		Bhajipala Street		...	...	...	...	4	4	2	...	...	...	...	...	...	...	10
		Husein Khan Khaliffa St.		...	...	...	...	...	1	13	...	...	...	...	...	...	...	14
		Pinjari Lane		...	...	...	...	...	...	3	5	...	...	...	...	...	...	8
		Janjikar Street		...	...	...	...	...	...	...	4	...	...	...	...	...	...	4
		Nagdevi Street		1	3	...	...	17	17	50	...	...	...	...	...	...	...	88

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*contd.*

LOCALITY.			RACES.																
Ward.	Section.	STREET.	Population by Section.	Jains.	Brahmins.	Lingayets.	Bhatias.	Hindus of other castes.	Hindus, low-caste.	Musalmans.	Parsis.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Chukla—*contd.*																	
		Memonwada Road ...	24,384	1	3	...	...	6	20	25	...	...	...	...	...	...	...	...	55
		Sarang Street		...	...	...	...	...	1	41	...	...	...	...	...	...	...	...	42
		[illegible]devi Cross Lane ...		...	2	...	...	14	2	...	...	...	...	...	...	...	...	...	18
		[illegible]ayan Dhuru Cross Lane		...	...	...	...	1	1	3	...	...	...	...	...	...	...	...	5
		[illegible]rnac Road		...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	3
		[illegible]bijan Street		...	1	...	...	7	3	...	...	...	1	...	...	...	...	...	11
		[illegible]ambekar Street... ...		...	...	...	...	...	...	16	...	...	...	...	...	...	...	...	16
		[illegible]ava Lane		...	...	...	...	1	5	1	...	...	...	...	...	...	...	...	7
		Memonwada Cross Lane ...		1	...	...	...	1	1	6	...	...	...	...	...	...	...	...	9
		Kolsa Street		...	...	...	...	7	1	...	...	...	...	...	...	...	...	...	8
		Kolsa Cross Lane... ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Umarkhadi.																	
		Bhendi Bazar Parel Road.	48,481	20	3	...	...	14	1	7	...	...	...	...	...	...	...	...	45
		Nagdevi Road		...	...	...	...	6	1	34	...	...	...	...	...	...	...	...	41
		Memanwada Road ...		2	...	...	...	11	...	35	...	...	...	...	...	...	...	...	48
		Memanwada Road 3rd Cross Lane		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Memanwada Road 4th Cross Lane		...	...	...	...	7	...	4	...	...	...	...	...	...	...	...	11
		Kambeker Street... ...		...	...	...	...	...	...	16	...	...	...	...	...	...	...	...	16
		Tandel Street		...	...	...	...	1	...	34	...	...	...	...	..	1	...	...	36
		Tandel Street Cross Lane.		...	...	...	...	1	...	10	...	...	...	...	...	...	...	...	11
		Tandel Street Cross Lane North		..	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Dontad Street		...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	4
		Nisanpada Road		5	1	...	...	3	...	40	...	...	...	...	...	...	...	...	49
		Nisanpada Cross Road ...		...	...	...	...	5	...	6	...	...	...	...	...	...	...	...	11
		Nisanpada Mundali ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Tantanpura Street ...		3	...	...	..	3	...	2	...	...	...	...	...	...	...	...	8
		Tantanpura Street Cross Lane		...	...	...	...	5	...	...	...	...	...	...	...	...	..	...	5
		Umarkhadi Street ...		...	...	...	...	5	1	...	...	1	...	...	...	...	...	...	7
		Umarkhadi Street Cross Lane		...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	2
		Jakeria Masjid Street ...		...	...	...	...	...	...	25	...	...	...	...	...	...	...	...	25
		Samuel Street		4	...	...	...	4	...	8	...	...	...	...	...	...	...	...	16
		Dongri Street		6	...	...	...	...	...	6	...	...	...	...	...	...	...	...	12
		Umarkhadi H. M. S. C. P.		...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	2
		Pydhowni Road		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		1st Chinch Bunder Road.		1	...	...	...	...	...	10	...	...	...	...	...	...	...	...	11
		Chuna Bhatti Mochi Lane.		...	...	...	...	...	.	1	..	...	...	...	...	...	...	...	1
		Attar Gully		...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	3
		Old Nagpada Road ...		...	...	...	...	2	...	22	...	...	...	...	...	...	...	...	24
		Old Nagpada 1st Cross Lane		...	...	..	...	24	...	...	..	...	...	...	...	...	...	...	24
		Old Nagpada 2nd Cross Lane		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		New Bengalpura Street ...		...	...	...	...	...	...	14	...	...	...	...	...	...	...	...	14
		New Bengalpura 1st Cross Lane		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		New Bengalpura 2nd Cross Lane		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		Mahmedkhan Pakadi ...		...	...	...	...	12	...	9	...	...	...	...	...	...	...	...	21
		Mahmedkhan Pakadi 1st Cross Lane		...	...	...	...	18	...	7	...	...	...	...	...	...	...	...	25
		Mahmedkhan Pakadi 2nd Cross Lane		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		Mahmedkhan Pakadi 3rd Cross Lane		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		Imamwada Compound ...		2	...	...	...	4	...	1	...	...	...	...	...	...	...	...	7
		Piroo Lane...		1	...	...	...	...	...	7	...	...	...	...	...	...	...	...	8
		Jail Road South		1	...	...	...	4	1	...	...	...	...	...	...	...	...	...	6

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*contd.*

LOCALITY.			RACES.																	
Ward.	Section.	STREET.	Population by Section.	Jains.	Brahmins.	Lingayats.	Bhatias.	Hindus of other castes.	Hindus, low-caste.	Mussalmans.	Parsis.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
B		**Umarkhadi—*contd.***																	
	Umarkhadi.	Jail Road South Cross Lane	48,481	...	...	...	...	6	1	1	...	...	...	...	...	...	...	...	8
		Jail Road East		2	...	...	...	5	...	...	...	...	...	...	...	...	...	...	7
		Jail Road North		...	...	...	...	2	5	...	...	...	...	...	...	...	...	...	7
		Jail Road North Cross Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Jail Road North Mochi Lane		...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	4
		Umarkhadi Road		...	...	...	...	76	...	...	...	1	...	...	...	...	...	...	77
		Umarkhadi 1st Cross Lane		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Umarkhadi 2nd Cross Lane		...	...	...	...	9	4	...	...	...	...	...	...	...	...	...	13
		Umarkhadi 1st Row		...	...	...	...	5	...	...	...	2	...	...	...	...	...	...	7
		Umarkhadi 2nd Row		...	...	...	...	1	4	...	...	1	2	...	...	...	...	...	8
		Babula Tank Road		...	...	...	...	4	...	1	...	...	...	...	...	...	...	...	5
		Imamwada Road		...	...	...	...	3	...	10	...	...	...	...	...	...	...	...	13
		Pathan Wadi		...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	4
B		**Dongri Section.**																	
	Dongri Section.	Dongri Street	25,778	...	...	...	...	3	...	21	...	1	...	...	...	...	...	...	25
		Wandeker Street		...	...	...	...	22	...	...	...	...	...	...	...	...	...	...	22
		Clive Road		7	...	...	...	2	3	...	...	...	...	...	...	...	...	...	12
		Kalyan Street		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		Frere Road		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Raichur Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Sholapur Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Argyle Road South		5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
		1st Nawroji North		...	...	...	...	49	...	...	...	...	...	...	...	...	...	...	49
		1st Nawroji North Palm		...	...	...	...	39	...	...	...	...	...	...	...	...	...	...	39
		1st Nawroji North 1st Cross Lane		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		1st Nawroji North 2nd Cross Lane		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		1st Nawroji North 3rd Cross Lane		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		1st Nawroji North 4th Cross Lane		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		2nd Nawroji North		...	...	...	...	86	...	...	...	...	...	...	...	...	...	...	86
		2nd Nawroji North 1st Cross Lane		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	8
		2nd Nawroji North 2nd Cross Lane		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Chinch Bunder Valpakadi		...	...	...	...	18	...	...	...	...	...	...	...	...	...	...	18
		Valpakadi Street		...	...	...	...	8	26	...	...	...	...	...	...	...	...	...	34
		Mahalaxmi Street		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		Nasik Street		...	...	...	...	10	1	5	...	...	...	...	...	...	...	...	16
		Bhusawal Street		...	...	...	...	1	...	5	...	...	...	...	...	...	...	...	6
		Malet Bunder Road		...	...	...	...	15	...	...	...	...	...	...	...	...	...	...	15
		Jail Road East		...	...	...	...	14	...	2	...	...	...	...	...	...	...	...	16
		Nagpur Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Argyle Road North		...	...	...	...	2	3	...	...	...	...	...	...	...	...	...	5
		Elphinstone B. Camp		...	...	...	...	6	3	...	...	...	...	...	...	...	...	...	9
		Elphinstone Road		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Mazagon Road		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		1st Nawroji South		...	...	...	...	69	...	6	...	...	...	...	...	...	...	...	75
		1st Nawroji South Cross Lane		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		Kambad Gulli		1	...	...	...	9	...	...	...	...	...	...	...	...	...	...	10
		Chinch Bunder Road		...	...	...	...	12	...	...	...	...	...	...	...	...	...	...	12
		1st Chinch Bunder Road		5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
		Chinch Bunder 1st Cross Lane		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Chinch Bunder 2nd Cross Lane		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*contd.*

LOCALITY.			RACES.															
Ward.	Section.	STREET.	Population by Section.	Jains.	Brahmins.	Lingayets.	Bhatias.	Hindus of other castes.	Hindus, lowcastes.	Musalmans.	Parsis.	Jews.	Native Christians.	Eurasians.	European.	Negro Africans.	Buddhists.	Unknown.	Total.
		Market.																	
Mal		Shaik Memon Street ...	28,415	...	10	...	...	32	9	2	...	...	...	...	...	...	...	...	53
		Kitchen Garden		...	...	...	...	7	1	...	...	...	...	...	...	...	...	...	8
		Johar Chawl		...	1	...	...	45	46	...	...	...	...	...	...	...	...	...	92
		Mumbadevi Road ...		...	1	...	...	14	9	...	...	...	...	...	...	...	...	...	24
		Old Hanuman 1st Cross Lane.		...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2
		Carnac 2nd Cross Lane ...		1	...	...	...	11	5	1	...	...	...	...	...	...	...	...	18
		Sutar Chawl		...	3	...	...	9	7	9	...	...	...	...	...	...	...	...	28
		Shamset Street ...		...	2	...		15	...	...	...	...	...	...	...	...	...		17
		Dhunjee Street ...		...	1	...	...	4	2	...	9	...	...	...	...	...	...	...	16
		Picket Road ...		...	...	...	..	1	5	...	...	...	...	...	...	...	...	...	6
		Antoba Wadi		...	4	...	...	34	9	...	...	...	...	...	...	...	...	...	47
		Abdool Rahman Street ...		...	...	...	...	7	2	22	5	...	1	...	...	...	1	...	38
		Telwadi		...	1	...	...	5	9	...	...	...	...	...	...	...	...	...	15
		1st Ganeshwadi ...		...	1	...	...	11	6	...	...	...	...	...	...	...	...	...	18
		Kalbadevi Road ...		...	10	...	3	13	22	1	...	...	1	...	...	...	...	...	50
		Carnac Road ...		..	...	...	...	10	4	1	...	...	4	...	...	...	...	...	19
		New Hanuman Lane ...		...	10	...	3	46	24	...	...	...	1	...	...	...	...	...	84
		Champa Lane		2	4	...	...	11	...	1	...	...	...	...	...	...	...	...	18
		Takwadi		...	...		...	6	6	...	...	...	...	...	...	...	...	...	12
		Old Hanuman Lane ...		2	10	...	3	23	8	1	...	...	...	...	...	...	...	...	47
		Mirza Street		...	...	...	...	...	1	1	3	...	...	...	...	...	...	...	5
		Patakwadi		...	...	...	...	5	2	1	...	...	...	...	...	...	...	...	8
		Shekadi Lane ...		..	1	...	...	...	1	...	...	...	...	...	...	...	...	...	2
		Musjid Bunder Road ...		...	...	...	...	1	4	...	...	...	...	...	...	...	...	...	5
		Vithalwadi		1	7	...	2	16	6	...	..	...	...	...	...	...	...	...	34
		Ovalwadi		...	2	...	1	8	1	...	...	...	...	...	...	...	...	...	12
		Ladwadi		...	...	...	...	3	3	...	...	...	...	...	...	...	...	...	6
		Jambulwadi		...	...	...	...	4	3	...	...	...	...	...	...	...	...	...	7
		Ithoba Lane		...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	8
		Agiary Lane		...	...	...	..	...	1	...	...	...	...	...	...	...	...	...	1
		Old Hanuman 2nd Cross Lane.		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Agiary 2nd Cross Lane ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Agiary 1st Cross Lane ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Pinjari Lane		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Copper Smith Lane ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Dhobi Talao Section																	
Dhobi Talao Section.		Cavel Street	29,533	...	8	...	3	47	...	...	...	...	19	...	...	...	...	...	77
		Kalbadevi Road		...	18	..	6	39	...	...	...	...	1	...	...	...	...	...	64
		Kolbhatwady		.	1	...	...	43	..	...	...	...	...	...	...	...	...	...	44
		Churuiwady		...	...	...	...	8	2	...	2	...	...	...	...	...	...	...	12
		Lohar Street		...	...	...	...	4	...	1	1	...	1	...	...	...	...	...	7
		Dhushwady		...	...	...	...	1	...	...	...	...	3	...	...	...	...	...	4
		1st Marine Lines		...	...	...	...	4	19	1	2	...	12	...	...	...	...	...	38
		2nd Marine Lines ...		...	...	...	...	1	...	...	1	...	2	...	...	...	...	...	4
		3rd Marine Lines ...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		4th Marine Lines... ...		..	...	...	...	...	...	...	5	...	...	...	...	...	...	...	5
		Marine Line Camps ...		..	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		Dadysett Agiary Lane ...		...	...	...	...	10	...	...	1	...	...	...	...	...	...	...	11
		Chandanwady		...	...	...	...	52	2	6	...	...	8	...	...	...	...	...	68
		Kolbhat Street		...	...	...	...	56	2	...	1	...	1	...	...	...	...	...	60
		Girgaum Road		...	...	...	...	8	2	...	12	...	1	...	...	...	...	...	23
		Hamalwady		...	...	...	...	7	2	...	...	...	...	...	...	...	...	...	9
		Popatwady...		...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	4
		Trinity Street		...	...	...	...	10	1	...	4	...	2	...	...	...	...	...	17
		Sonapur Street		...	...	...	...	37	...	22	4	...	7	...	...	...	...	...	70
		Wellington Street ...		...	...	...	...	3	...	...	2	...	1	...	...	...	...	...	6
		Jambulwady		...	...	...	...	2	1	...	...	...	1	...	...	...	...	...	4
		1st Dhobi Talao Lane ...		...	...	...	...	...	1	...	1	...	2	...	...	...	...	...	4
		3rd Dhobi Talao Lane ...		...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	4
		Ropa Lane...		...	...	...		3	...	...	...	...	...	...	...	...	...	...	3
		Queen's Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*contd.*

LOCALITY.			RACES.															
Ward.	Section.	STREET.	Population by Section.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindus of other castes.	Hindus, low castes.	Musalmans.	Parsis.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
C		**Fanaswady Section.**																	
	Fanaswady Section.	Anantwady	16,354	...	4	...	...	16	...	...	...	...	...	...	...	...	...	...	20
		Girgaum Road		...	8	...	...	55	10	1	6	...	5	...	...	...	...	...	85
		Fanaswady		...	13	...	...	100	...	1	...	...	...	...	...	...	...	...	114
		2nd Fanaswady		...	3	...	...	5	...	...	...	...	...	...	...	...	...	...	8
		Bhuleshwar Road ...		...	1	...	...	4	...	...	...	...	...	...	...	...	...	...	5
		Kumbhartukda		1	2	...	...	9	...	...	...	...	...	...	...	...	...	...	12
		Sonapure Street		...	...	...	...	6	10	2	1	...	4	...	...	...	...	...	23
		Tadwary		...	...	...	...	19	...	...	...	...	3	...	...	...	...	...	22
		Bhasker Lane		...	4	...	...	14	...	...	...	...	...	...	...	...	...	...	18
		Thakurdwar Road ...		...	3	...	...	45	...	5	...	...	...	...	...	...	...	...	53
		1st Sonapure Cross Lane...		...	...	...	...	6	...	...	...	...	2	...	...	...	...	...	8
		Hargowan Desai's Wady...		...	7	...	...	3	...	...	...	...	...	...	...	...	...	...	10
		Zaoba's Wady		...	18	...	...	44	...	...	...	...	...	...	...	...	...	...	62
		Dadysett Agiary Lane ...		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Dukerwady		...	...	...	...	2	...	...	...	...	8	...	...	...	...	...	10
		Churni Road Camps ...		...	...	...	...	18	4	...	...	...	1	...	...	...	...	...	23
		Karelwady...		...	...		...	1	...	...	3	...	...	...	...	...	...	...	4
		Naviwady		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Burrows Lanes		...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2
		Dhuswady...		...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		Cathedral Street		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Queen s Road		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		2nd Khater Lane... ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
C		**Bhuleshwar Sec.**																	
	Bhuleshwar Section.	1st Bhoiwada Lane ...	30,229	...	2	...	...	10	...	1	...	...	...	...	...	...	...	...	13
		2nd Do. ...		...	3	...	...	14	2	...	...	...	...	...	...	...	...	...	19
		3rd Do. ...		...	5	...	...	15	...	...	...	...	...	...	...	...	...	...	20
		4rd Do. Cross Lane		...	4	...	...	17	2	...	...	...	...	...	...	...	...	...	23
		Malharrao Wady		..	...	...	...	5	2	...	...	...	...	...	...	...	...	...	7
		Khanderao Wady... ..		...	...	...	...	5	2	...	...	...	...	...	...	...	...	...	7
		Bhuleshwar Road... ...		...	14	1	...	16	1	1	...	...	...	...	...	...	...	...	33
		1st Pophalwady		...	6	...	...	8	...	...	...	...	...	...	...	...	...	...	14
		2nd Do.		...	5	...	...	6	...	...	...	...	...	...	...	...	...	...	11
		3rd Do.		...	7	...	...	7	...	...	...	...	...	...	...	...	...	...	14
		Marooty Lane		...	13	...	...	4	...	...	...	...	...	...	...	...	...	...	17
		Cathedral Street		...	3	...	...	5	...	...	...	...	...	...	...	...	...	...	8
		Dadysett Agiary Lane ...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Girgaum Back Road ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Cawasji Patel Tank Road.		...	1	...	...	12	...	2	...	...	...	...	...	...	...	...	15
		Panjrapole Street... ...		...	5	...	...	25	3	10	...	...	...	...	...	...	...	...	43
		1st Do.		...	...	...	...	4	3	...	...	...	...	...	...	...	...	...	7
		2nd Do.		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		3rd Do.		...	1	...	...	4	1	...	...	...	...	...	...	...	...	...	6
		Kika Street		...	12	...	3	40	...	...	...	...	...	...	...	...	...	...	55
		Kalbadevi Road		...	1	...	...	16	1	...	...	...	...	...	...	...	...	...	18
		Panchayetwady ...		...	2	...	...	15	1	...	...	...	...	...	...	...	...	...	18
		Bapoo Khote Street ...		1	4	...	...	28	...	27	...	...	...	...	...	...	...	...	60
		Alli Umar Street... ...		...	...	...	...	3	2	47	...	...	...	...	...	...	...	...	52
		Kazi Street		...	...	...	...	1	2	26	...	...	...	...	...	...	...	...	29
		Ghogari Street		...	...	...	...	5	1	40	...	...	...	...	...	...	...	...	46
		1st Ghogari Lane... ...		...	...	...	...	...	...	22	...	...	...	...	...	...	...	...	22
		2nd do.		...	2	...	...	...	...	2	...	...	...	...	...	...	...	...	4
		Musjid Street		...	...	...	...	9	28	15	...	...	...	...	...	...	...	...	52
		Musjid Cross Lane ...		...	...	...	...	...	8	2	...	...	...	...	...	...	...	...	10
		Parel Road		...	1	...	...	9	4	16	...	...	...	...	...	...	...	...	30
		Banian Road		...	2	...	...	21	1	2	...	...	...	...	...	...	...	...	26
		Nizam Street		...	...	...	...	1	2	18	2	...	...	...	...	...	...	...	23
		Bohora Street		...	...	...	...	1	...	...	3	...	...	...	...	...	...	...	4
		Erskine Road		...	...	...	...	2	1	5	...	...	...	...	...	...	...	...	8
		Bapoo Khote Cross Lane.		...	...	...	...	13	2	...	...	...	...	...	...	...	...	...	15
		Assembly Lane		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*contd.*

Ward.	Section.	STREET.	Population by Section.	Jains.	Brahmins.	Lingayets.	Bhatias.	Hindus of other castes.	Hindus, low castes.	Mussalmans.	Parsis.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Khara Talao.																	
		[illegible] Road	23,161	...	1	...	...	33	5	5	...	...	...	...	...	...	...	...	44
		[illegible]ncan Cross Lane ...		...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	3
		[illegible] Street		...	2	...	...	43	4	14	...	...	...	...	...	...	...	...	63
		[illegible]n Butcher		...	...	...	...	4	7	19	...	...	...	...	...	...	...	...	30
		[illegible]n Street		...	...	...	...	1	2	19	...	...	...	...	...	...	...	...	22
		[illegible]r Street		...	...	...	...	4	1	24	...	...	...	...	...	...	...	...	29
		[illegible]ou Street		...	...	...	...	1	...	13	...	...	...	...	...	...	...	...	14
		[illegible]hmodia Street ...		...	...	...	...	9	4	13	...	...	...	...	...	...	...	...	26
		[illegible]rskine Road		...	1	...	...	5	12	4	1	...	...	...	...	...	...	...	23
		[illegible]arel Road		...	...	...	...	12	...	3	4	...	...	...	...	...	...	...	19
		[illegible]Grant Road		...	...	...	...	3	...	...	..	...	...	...	...	...	...	...	3
		Guzar Street		...	...	...	...	9	4	12	...	...	...	...	...	...	...	...	25
		Khara Talao Street ...		...	1	...	...	5	...	8	...	...	...	...	...	...	...	...	14
		Bapty Road		...	...	...	...	3	...	2	...	...	...	...	...	...	...	...	5
		Yacub Street		...	...	...	...	...	1	3	...	...	...	...	...	...	...	...	4
		1st Cooper Street		...	...	...	...	1	3	1	...	...	...	...	...	...	...	...	5
		2nd „		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Agiari Street		...	...	...	...	2	...	4	...	...	...	...	...	...	...	...	6
		Dharamsey Street ...		...	...	...	...	6	...	8	...	...	...	...	...	...	...	...	14
		Baloo Street		...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	4
		Dharamsey Cross Lane ...		...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	4
		2nd Duncan Cross Lane ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Kumbharwada.																	
		Duncan Road	27,544	...	2	...	1	41	1	3	...	...	...	...	...	...	...	...	48
		Bhandari Street		...	...	2	...	98	2	4	...	...	...	...	...	...	...	...	106
		Kumbharwada Street ..		...	2	...	...	169	2	5	...	...	...	...	...	...	...	...	178
		Northbrook Street ...		...	...	...	...	66	1	1	...	...	...	...	...	...	...	...	68
		1st Pathan Street ...		...	...	...	...	36	...	3	...	...	...	...	...	...	...	...	39
		2nd „ ...		...	1	...	...	26	5	1	...	...	...	...	...	...	...	...	33
		Trimback Parashram St...		...	...	...	...	9	2	5	...	...	...	...	...	...	...	...	16
		2nd Bhandari Cross Lane.		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Bandari Cross Lane ...		...	1	...	...	3	...	2	...	...	...	...	...	...	...	...	6
		Durgadevi Street... ...		...	...	...	...	7	...	1	...	...	...	...	...	...	...	...	8
		Grant Road		...	...	...	...	21	4	3	...	...	...	...	...	...	...	...	28
		Bapty Road		...	...	...	...	5	2	1	...	...	...	...	...	...	...	...	8
		2nd Duncan Cross Lane...		...	...	...	...	8	5	...	...	...	...	...	...	...	...	...	13
		Falkland Road		...	...	...	...	21	...	2	...	...	...	...	...	...	...	...	23
		1st Carpenter Street ...		...	...	...	...	18	...	...	...	...	...	...	...	...	...	...	18
		2nd „ ...		...	...	...	...	20	1	...	...	...	...	...	...	...	...	...	21
		Sindi Lane...		...	1	...	...	9	...	2	...	...	...	...	...	...	...	...	12
		Islampura		...	...	...	...	1	...	11	...	...	...	...	...	...	...	...	12
		„ Cross Lane ...		...	...	...	...	...	8	2	...	...	...	...	...	...	...	...	10
		Kethwadi Main Road ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Ardeshir Dady Street ...		...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	3
		Cowasji Patel Tank Road.		...	1	...	...	15	...	...	...	...	...	...	...	...	...	...	16
		Girgaum Back Road ...		...	...	..	...	1	...	...	...	..	...	...	...	...	...	...	1
		Khetwady.																	
		Khetwady Main Road ...	27,160	...	8	...	...	8	1	...	...	...	...	...	...	...	...	...	17
		Ardeshir Dady Street ...		...	...	...	...	3	...	...	8	...	...	...	...	...	...	...	11
		Khetwady 1st Lane ...		...	...	...	...	2	...	3	1	...	...	...	...	...	...	...	6
		Parsiwada 1st „ ...		...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
		„ 2nd „ ...		...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	3
		Khetwady 2nd „ ...		...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	3
		„ 3rd „ ...		...	...	...	...	11	...	...	3	...	...	...	...	...	...	...	14
		Parsiwada 3rd „ ...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Khetwady 4th „ ...		...	...	...	...	13	...	...	2	...	...	...	...	...	...	...	15
		„ 5th „ ...		...	...	...	...	16	...	...	1	...	...	...	...	...	...	...	17

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*contd.*

LOCALITY.			RACES.																
Ward.	Section.	STREETS.	Populations by Section.	Jains.	Brahmins.	Lingayets.	Bhatias.	Hindus of other castes.	Hindus, low castes.	Musalmans.	Parsis.	Native Christians.	Jews.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Unknown.	Total.
D		**Khetwady—*contd.***																	
	Khetwady.	Khetwady Post Lane ...	27,166.	...	1	...	...	1	...	...	...	...	...	...	...			...	
		Girgaon Back Road ...		...	6	...	...	23	1	...	1	1	...	...	...			...	
		Khetwady 6th Lane ...		...	...	...	...	18	1	...	...	...	...	...	...			...	
		„ 7th „ ...		...	...	...	...	3	...	...	1	...	...	...	...			...	
		„ 8th „ ...		...	...	...	...	5	...	...	...	...	...	...	...			...	
		„ 9th „ ...		...	...	...	...	3	...	1	...	...	...	...	...			...	
		„ 10th „ ...		...	...	...	...	2	...	...	...	...	...	...	...			...	
		„ 11th „ ...		...	...	...	...	...	...	...	...	...	...	...	...			...	
		„ 12th „ ...		...	...	...	...	...	...	...	...	...	...	...	...			...	
		„ 13th „ ...		...	...	...	...	2	...	...	...	...	...	...	...			...	
		„ 14th „ ...		...	...	...	...	1	...	...	...	...	...	...	...			...	
		Khetwady Back Road ...		...	...	...	...	22	...	2	...	...	...	...	...			...	
		1st Falkland Cross Lane...		...	...	...	...	4	...	...	...	...	...	...	...			...	
		2nd „ „ ...		...	...	...	...	7	...	...	...	...	...	...	...			...	
		3rd „ „ ...		...	...	...	...	15	...	2	...	...	...	...	...			...	
		4th „ „ ...		...	...	...	...	7	...	...	...	...	...	...	...			...	
		Khetwady 12th Lane ...		...	...	...	...	2	...	...	...	...	...	...	...			...	
		Khumbata Lane		...	...	...	...	1	...	...	1	...	...	...	...			...	
		Dhanji Street		...	...	...	...	1	...	...	1	...	...	...	...			...	
		Grant Road		...	3	...	...	33	5	9	1	3	...	...	...			...	
		Chunam Kiln Road ...		...	3	...	...	5	...	...	...	...	...	...	...			...	
		Trimback P. Street ...		...	...	...	...	26	...	3	...	...	...	...	...			...	
		Churni Road		...	...	...	...	1	...	...	...	...	...	...	...			...	
		Falkland Road		...	...	...	...	15	1	6	...	...	...	...	...			...	
		9th Falkland Cross Lane...		...	...	...	...	1	...	6	...	...	...	...	...			...	
		8th „ ...		...	1	...	...	3	...	1	...	...	...	...	...			...	
		7th „ ...		...	...	...	...	...	...	3	...	...	...	...	...			...	
		6th „ ...		...	...	...	...	18	1	4	...	...	...	...	...			...	
		5th „ ...		...	...	...	...	4	...	5	...	...	...	...	...			...	
D		**Girgaum.**																	
	Girgaum.	Girgaum Road	14,866.	...	3	...	...	50	3	2	...	...	5	...	...			...	
		Girgaum Back Road ...		...	2	...	...	10	...	...	...	...	...	...	...			...	
		Thackurdwar Road ...		...	6	...	...	3	1	...	...	...	...	...	...			...	
		Queen's Road		...	...	...	...	3	...	5	...	...	...	...	...			...	
		Charni Road		...	7	...	...	5	...	...	...	...	...	...	...			...	
		Kandewadi Lane		...	9	...	...	32	...	...	...	...	6	...	...			...	
		Mugbhat Street		...	13	1	...	28	...	...	...	...	...	...	...			...	
		Mugbhat Cross Lane ...		...	5	...	...	40	...	...	...	...	...	...	...			...	
		Sadashive Street		...	1	...	...	12	...	...	...	...	...	...	...			...	
		Mangalwadi Lane... ...		...	1	...	...	10	...	1	...	...	...	...	...			...	
		Kelewadi Lane		...	2	...	...	13	...	...	...	...	...	...	...			...	
		Kakadwadi Lane		...	...	...	...	5	...	1	...	...	...	...	...			...	
		Khatarally Lane		...	...	...	...	10	...	...	...	...	...	...	...			...	
		Khotachiwadi		...	3	...	...	5	...	...	...	...	1	...	...			...	
		Borebhat Lane		...	4	...	...	12	...	...	...	...	...	...	...			...	
		Nickdawari Lane		...	3	...	...	7	...	...	...	...	...	...	...			...	
		Cow Lane		...	6	...	...	2	...	...	...	...	2	...	...			...	
		Pimpalwadi		...	...	...	...	4	...	...	...	...	...	...	...			...	
D		**Chowpatty.**																	
	Chowpatty.	Girgaum Road	6,729	1	...	...	...	28	...	...	1	...	...	...	...			...	10
		Girgaum Back Road ...		1	1	...	...	20	...	...	...	...	...	...	...			...	15
		Queen's Road		1	...	...	...	2	...	1	...	...	...	...	...			...	3
		Charni Road		...	...	...	...	1	...	...	...	...	...	...	...			...	2
		Kenedy Bridge Road ...		...	1	...	...	...	...	...	...	...	...	...	...			...	1
		French Bridge Road ...		...	...	...	...	10	...	...	...	...	...	...	...			...	2
		Chowpatty Road		...	...	...	...	15	...	...	...	...	...	...	...			...	
		Gaumdevi Road		...	...	...	...	2	1	...	...	...	...	...	...			...	
		Benhambhall Lane ...		...	...	...	...	2	...	...	...	...	...	...	...			...	
		Bhatwady 1st Lane ...		...	...	...	...	1	...	...	...	...	...	...	...			...	
		„ 2nd „ ...		...	...	...	...	2	...	...	...	...	...	...	...			...	

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*contd.*

Ward.	Section.	STREETS.	Populations by Section.	Jains.	Brahmins.	Lingayets.	Bhatias.	Hindus of other castes.	Hindus of lower castes.	Musalmans.	Parsis.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Unknown.	Total.
D.		**Chowpatty**—*contd.*																	
	Chowpatty.	Bhatwadi-Barkiseri ...	6,729.	...	...	...	...	22	...	...	...	...	...	...	...	...	...	...	22
		Mullockwadi		...	1	...	...	9	...	...	...	...	...	...	...	...	...	...	10
		Girgaum Depôt Lane ...		...	...	...	...	4	2	1	...	...	...	...	...	...	...	...	7
		Dammer Lane		3	...	...	...	38	1	2	...	...	...	...	...	...	...	...	44
		Paper Mill Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Vilayeti Fanaswadi ...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Walkeshwar.																	
	alkeshwar.	Chowpatty Health Camp.	10,563.	...	1	...	...	...	...	...	...	...	2	...	...	...	...	...	3
		Chowpatty Road		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Gaumdevi Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Gowalia Tank Road ...		...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
		Napean Sea Road ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Mount Pleasant Road ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Napean Road		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pawai Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Wilderness Road		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Winter Road		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Narayen Dabholkar Road.		...	...	...	...	6	...	2	...	...	...	...	...	...	...	...	8
		Doongersey Road ...		...	1	...	1	2	1	1	...	...	...	...	...	...	...	...	5
		Harkness Road		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banganga Temple Compound		...	18	...	...	12	...	...	...	...	...	...	...	...	...	...	30
		alkeshwar Road ...		...	...	...	...	10	...	...	...	...	1	...	...	...	...	...	11
		Road		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		e Road		...	...	...	...	6	1	...	...	...	...	...	...	...	...	...	7
		Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		ibbs Road ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		nchayet Lane ...		...	...	...	...	11	2	...	...	...	...	...	...	...	...	...	13
		i.																	
		... ...	18,092.	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	3
		... ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		... ...		...	1	...	...	28	28	...	...	...	1	...	...	...	...	...	58
		... ...		...	...	...	...	25	1	...	...	...	...	...	...	...	...	...	26
		... ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		l Lane ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		... ...		...	...	...	...	18	4	...	1	...	1	...	...	...	...	...	24
		ad		...	...	...	...	15	...	...	...	...	...	...	...	...	...	...	15
		et		...	...	...	...	24	6	2	...	...	...	...	...	...	...	...	22
		ank Road ...		...	...	...	...	16	1	...	...	...	...	...	...	...	...	...	17
		ge Pass		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		er Road		...	...	...	...	6	5	...	...	...	...	...	...	...	...	...	11
		ter Road		...	...	...	...	25	2	1	4	...	...	...	...	...	...	...	32
		leo Road		...	1	...	5	67	6	...	2	...	1	...	...	...	...	...	82
		rden Road, T. C. ...		...	4	...	...	36	...	...	...	...	...	...	...	...	...	...	40
		rden Road		...	...	...	...	7	2	1	...	...	1	...	...	...	...	...	11
		Mazagon.																	
	Mazagon.	Albert Road	27,933.	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	10
		Belvedere Road		...	...	...	...	27	3	11	...	1	2	...	...	...	...	...	44
		1st Carpenter Street ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		2nd " " ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		3rd " " ...		1	...	...	...	5	...	...	...	...	...	...	...	...	...	...	6
		Casara Basin Road ...		...	...	...	...	7	...	1	1	...	...	...	...	...	...	...	9
		Church Street		1	...	...	...	...	...	...	...	...	3	...	1	...	...	...	5
		Copper Smith Street ...		2	1	...	...	15	...	2	1	...	...	...	...	...	...	...	21
		Dholker Street		...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	6
		Dock Yard Road		2	1	...	...	10	...	22	...	...	...	...	...	...	...	...	35
		De Lima Street		1	...	...	...	8	1	5	...	...	7	...	1	...	...	...	23

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*contd.*

LOCALITY.				RACES.																
Ward.	Section.	STREETS.	Populations by Section.	Jains.	Brahmins.	Lingayets.	Bhatias.	Hindus of other castes.	Hindus of lower castes.	Musalmans.	Parsis.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Unknown.	Total.
E		**Mazagon—*contd.***																	
	Mazagon.	Gunpowder Road ...	27,333.	...	...	...	...	23	...	2	...	...	...	...	...	...	...	...	25
		Hospital Lane ...		...	...	...	...	5	...	1	...	...	...	...	...	...	...	...	6
		Ghorupdeo Road ...		3	1	1	...	120	2	3	...	...	...	...	...	...	...	...	
		Magazine Road ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	
		Matharpakady Road ...		...	3	...	...	58	3	3	...	...	4	1	...	...	...	...	
		Mazagon Road		...	...	...	...	6	2		...	...	...	1	...	...	...	...	
		Mount Road		...	...	...	...	38	...	4	...	...	...	...	...	...	...	...	
		Mount Pakady		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	
		Moozavar Pakady Road ...		1	...	...	...	20	1	1	...	...	1	...	...	...	...	...	
		Nabab Tank Road ...		...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	
		Reay Road		...	1	...	...	51	3	9	...	...	2	...	...	...	...	...	
		Rose Cottage Lane ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Sewri Road		...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	
		Tank Bunder Road ...		1	2	...	...	18	3	...	...	...	2	...	...	...	...	...	
		Victoria Road		...	...	...	...	5	1	3	...	...	...	...	...	...	...	...	
		Wari Bunder Road ...		...	...	...	...	19	...	8	...	...	...	...	...	...	...	...	
E		**Tarwadi.**																	
	Tarwadi.	Babula Tank Road ...	18,460.	...	...	...	...	11	4	1	...	1	...	...	...	...	...	...	
		Chinchpugaly Road ...		1	...	...	...	21	...	1	...	...	...	...	...	...	...	...	
		Connaught Road ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	
		Ghorupdeo Road...		...	1	...	...	48	...	1	...	...	...	...	...	...	...	...	
		Kala Chowki Road ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	
		Love Lane		...	...	...	...	31	1	21	...	...	...	...	...	...	...	...	
		Mazagaon Road		1	...	...	...	56	1	...	...	...	3	...	...	...	...	...	
		Mount Road		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	
		Nesbit Road		1	...	...	...	41	14	2	...	...	5	...	...	...	...	...	
		Parel Road		4	...	...	...	46	3	10	2	1	3	2	...	...	...	...	
		Susex Road		...	...	...	...	13	...	2	...	...	1	...	...	...	...	...	
		Victoria Road		...	...	...	...	4	3	7	...	1	...	...	...	...	...	...	
		Unknown (no fixed residences) *via* Hospital ...		2	...	...	...	12	11	6	...	1	1						
E		**2nd Nagpada.**																	
	2nd Nagpada.	Kajipoora	18,591.	...	...	...	...	...	21	10	...	...	...						
		Bellasis Road		2	...	...	...	...	6	2	...	...	...						
		Duncan Road		...	...	...	...	13	26	3	...	1	2						
		Grant Road		...	...	...	...	3	8	2	...	...	...						
		Hoozaria Street		2	...	...	...	2	9	68	...	2	...						
		Khandia Street		...	...	...	...	1	1	29	...	...	...						
		Mastan Tank		...	...	...	...	15	1	10	...	2	...						
		Oondria Street		...	...	...	...	1	5	34	...	...	...						
		Parel Road		...	...	...	...	3	...	1	...	...	...						
		Sk. B. Kamroodin Street.		...	...	...	...	5	5	20	...	...	...						
		Tank Street		...	...	...	...	2	13	23	...	...	...						
		Temkar Street		...	...	...	...	1	1	33	...	...	...						
		Nagpada		...	...	...	...	1	...	...	...	...	...						
E		**Kamathipura.**																	
	Kamathipura.	1st Lane	26,706.	...	...	...	10	2	1	...	...	...	...	...	...	...	...	...	
		2nd „		...	...	...	44	8	8	...	...	...	...	...	...	...	...	...	
		3rd „		...	...	...	20	10	18	...	...	...	...	...	...	...	...	...	
		4th „		...	...	...	20	...	1	...	...	...	...	...	...	...	...	...	
		5th „		1	...	...	22	...	8	...	...	...	...	...	...	...	...	...	
		6th „		...	...	...	27	2	6	...	...	...	...	...	...	...	...	...	35
		7th „		...	...	...	22	...	1	...	...	...	...	...	...	...	...	...	23
		8th „		...	...	...	53	5	8	...	...	...	...	...	...	...	...	...	66
		9th „		...	...	...	8	2	...	...	...	...	...	...	...	...	...	...	10
		10th „		...	...	...	15	3	2	...	...	...	...	...	...	...	...	...	20
		11th „		...	...	...	15	3	2	...	...	...	...	...	...	...	...	...	20

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*contd.*

LOCALITY.			RACES.																
Ward.	Section.	STREETS.	Populations by Section.	Jains.	Brahmins.	Lingayets.	Bhatias.	Hindus of other castes.	Hindus of lower castes.	Musalmans.	Parsis.	Jews.	Native Christians	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Unknown.	Total.
E		**Kamathipura—*contd.***																	
	Kamathipura.	12th Lane	20,706.	...	...	...	25	...	3	...	...	...	...	...	...	...	...	...	28
		13th „		...	...	...	29	30	6	...	...	1	...	...	...	...	...	...	66
		14th „		...	...	...	14	8	...	...	...	...	...	...	...	...	...	...	22
		15th „		...	...	...	23	3	2	...	...	...	...	...	...	...	...	...	28
		16th „		...	...	...	8	4	...	...	...	...	...	...	...	...	...	...	12
		Bapty Road		...	...	...	23	12	6	...	...	...	...	...	...	...	...	...	41
		Bazar Road		2	...	...	21	16	15	...	...	...	...	...	...	...	...	...	54
		Bellasis Road		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Centre Road		...	...	...	7	5	3	...	...	...	...	...	...	...	...	...	15
		Duncan Road		1	...	...	10	21	7	...	...	...	...	...	...	...	...	...	39
		Grant Road		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Foras Road		...	...	...	2	5	...	...	...	...	...	...	...	...	...	...	7
		Northbrook Street ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		S[illegible]et		...	...	...	1	70	19	...	...	...	...	...	...	...	...	...	90
		[illegible]reet		...	...	...	...	15	...	...	...	...	...	...	...	...	...	...	15
		[illegible]eo.																	
		... ...	20,958.	...	...	...	...	13	...	1	...	...	...	...	...	...	...	...	14
		... ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		... ...		...	...	...	...	1	30	8	...	...	...	...	...	...	...	...	39
		... ...		...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	2
		... ...		...	...	...	...	13	6	3	...	...	...	...	...	...	...	...	22
		... ...		...	...	...	...	53	5	2	...	...	...	...	...	...	...	...	60
		... ...		...	...	...	...	48	29	4	...	...	...	...	...	...	...	...	81
		... ...		...	1	...	1	74	28	5	...	1	...	...	...	...	...	...	110
		... ...		...	...	...	...	1	...	1	2	...	...	...	...	...	...	...	4
		... ...		...	...	...	...	2	27	3	...	...	...	...	...	...	...	...	32
		... ...		...	...	...	...	...	17	3	...	...	...	...	...	...	...	...	20
		... ...	57,646.	2	...	...	...	57	2	33	...	...	...	...	...	...	...	...	94
		... ...		1	1	...	...	49	40	3	...	1	1	...	...	...	...	...	96
		... ...		...	...	...	...	4	...	...	1	1	1	...	2	...	...	...	9
		... ...		...	...	...	...	13	9	3	...	...	1	...	1	...	...	...	27
		... ...		1	...	...	...	6	3	1	...	...	...	...	...	...	...	...	11
		... ...		2	4	..	...	90	12	3	...	...	1	...	...	...	...	...	112
		... ...		1	4	...	...	195	8	...	...	...	1	...	...	...	...	...	209
		... ...		1	...	...	...	1	2	36	...	...	...	...	...	...	...	...	40
		... ...		..	...	...	...	13	1	2	...	...	...	...	...	...	...	...	16
		... ...		1	...	...	...	8	12	1	...	...	1	...	...	...	...	...	23
		... ...		...	1	...	...	94	27	10	...	1	3	..	2	...	...	...	138
		... ...		...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2
		[illegible] Road ...		...	2	...	...	38	1	4	...	...	1	...	...	...	...	...	46
		Cross Lane ...		...	2	...	...	51	...	4	..	...	...	...	...	...	...	...	57
		[illegible]ani		...	...	...	...	1	...	21	...	...	...	...	...	...	...	...	22
		[illegible]medan Street ...		...	...	...	...	2	8	11	...	...	2	...	...	...	..	...	23
		[illegible]and Road ...		1	1	...	..	24	18	4	...	...	1	...	...	...	...	...	49
		[illegible]el Road ...		3	2	..	...	46	5	6	1	...	2	...	...	...	...	...	65
		[illegible]ipon Road ...		3	...	...	...	15	9	38	...	...	...	1	...	...	...	...	66
		Sankli Street		...	...	...	...	4	2	...	...	...	1	...	...	...	...	...	7
		Sunder Lane		...	2	...	...	19	...	...	...	...	...	...	...	...	...	...	21
		Tank Pacady		...	...	...	...	15	...	...	...	...	...	...	...	...	...	1	16
		1st Nagpada.																	
	1st Nagpada.	Vani's Chawl	10,577.	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Venket Baloo Workshop ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Oomaji Hyabat House ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Parel Road New Hospital.		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Virji Khimji's House ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
		Ebrahim Lalji's House ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Babaji Panvala's House ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
		Sheppard Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*contd.*

LOCALITY.				RACES.																
Ward.	Section.	STREETS.	Populations by Section.	Jains.	Brahmins.	Lingayets.	Bhatias.	Hindus of other castes.	Hindus of lower castes.	Mussalmans.	Parsis.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Unknown.	Total.
F		**Parel.**																	
	Parel.	Lalwadi	33,390.	...	...	1	...	12	1	1	...	...	...	...	...	...	...	...	
		Tulsirampada		2	2	...	...	31	...	1	...	...	...	...	...	...	...	...	
		Supparibag Road		...	2	...	...	40	5	12	1	...	3	...	...	...	...	...	
		Arthur Road		...	...	1	...	59	13	4	...	...	...	...	...	...	...	...	
		Kalachawki Road... ...		...	...	...	...	62	8	1	...	...	...	...	...	...	...	...	
		Elphinstone Road ...		...	...	...	...	5	...	1	1	...	...	...	...	...	...	...	
		Currey Road		...	...	...	...	28	1	...	...	...	...	...	...	...	...	...	
		Chor-Gully		...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	
		Parel Road		1	1	2	...	24	1	1	...	...	...	...	...	...	...	...	
		Government Gate Road...		...	1	...	...	9	...	...	...	...	...	...	...	...	...	...	
		Peroo's Chawl		...	...	...	...	11	...	...	...	...	...	...	...	...	...	...	
		Parel Village		3	4	...	...	27	...	1	...	...	...	...	...	...	...	...	
		Ambawadi		...	...	...	...	9	2	...	...	...	...	...	...	...	...	...	
		Parel Tank Road... ...		1	...	...	...	18	6	...	...	...	...	...	...	...	...	...	
		„ Back Road... ...		...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	
		„ Bhoiwadi		...	...	...	...	4	...	...	...	...	2	...	...	...	...	...	
		„ Bhoiwadi Cross Rd.		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	
F		**Sewri.**																	
	Sewri.	Parel Tank Road... ...	9,294.	...	...	...	...	30	...	9	...	...	...	...	...	...	...	...	
		Sewri Cross Road... ...		...	...	...	...	16	2	3	...	...	...	...	...	...	...	...	
		„ New Road		...	...	...	...	12	1	...	...	...	...	...	...	...	...	...	
		Jakaria Bunder		4	...	...	...	23	...	4	...	...	...	...	...	...	...	...	
		Sewri Cemetery Road ...		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	
		„ Koliwada		...	...	...	...	19	...	...	...	...	1	...	...	...	...	...	
		„ Agriwada		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	
		„ Road		...	...	...	...	9	2	...	...	...	...	...	...	...	...	...	
		„ Bhoiwadi		...	...	...	...	7	4	...	...	...	...	...	...	...	...	...	
		„ Goolungi Hill ...		...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	
F		**Sion.**																	
	Sion.	Dadar Road	25,443.	1	1	...	...	17	19	15	1	...	...	...	...	...	...	...	
		Khada Matunga		1	...	...	...	4	...	...	...	...	4	...	...	...	...	...	
		Dhakti Sewri		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	
		Sion Road		...	2	...	...	14	...	...	...	...	...	...	...	...	...	...	
		Matunga Station		...	2	...	2	3	...	...	...	...	...	...	...	...	...	...	
		„ Leper Asylum ...		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	
		Sewri Cross Road ...		1	...	...	...	10	...	11	...	...	...	...	...	...	...	...	
		Bhoiwadi Road		2	...	...	...	30	1	1	...	...	1	...	...	...	...	...	
		Vincent Road		1	4	...	...	28	6	2	...	...	5	...	...	...	...	...	
		Bhoiwadi Cross Road ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	
		Vadalla Village		2	1	...	...	23	...	...	...	...	1	...	...	...	...	...	27
		Agriwada		...	...	...	...	2	...	...	...	...	1	...	...	...	...	...	3
		Naigaum Road		...	...	...	...	33	...	2	...	...	4	...	...	...	...	...	39
		Sion Koliwada		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		„ Boran Tank Road ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Matunga Phutka Talao ...		...	...	...	...	6	...	...	...	...	2	...	...	...	...	...	8
		Sion Bhandarwada ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4

TABLE showing the Number of Plague Deaths by Streets and Races during 1904—*concld.*

LOCALITY.			RACES.																
Section.	STREETS.	Populations by Section.	Jains.	Brahmins.	Lingayets.	Bhatias.	Hindus of other castes.	Hindus of lower castes.	Musalmans.	Parsis.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Unknown.	Total.
	Mahim.																	
Mahim.	Old Parbhadevi	27,386	1	...	...	...	5	...	...	...	...	...	...	...	...	...	...	6
	Khed Tank		2	...	...	...	10	...	...	...	...	...	...	...	...	...	...	12
	Agar Bazar		...	...	...	...	4	...	1	...	...	...	...	...	...	...	...	5
	L. I. Road		...	...	...	...	16	1	...	...	...	1	...	...	...	...	...	18
	Hasali		...	...	...	...	2	...	1	...	...	1	...	...	...	...	...	4
	Caus[illegible]ay		...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2
	Bazar[illegible]y		2	3	...	...	22	...	6	...	...	2	...	...	...	...	...	35
	Durga [illegible]la		...	...	...	...	13	...	4	...	...	1	...	...	...	...	...	18
	Mangelw[illegible]		...	...	1	...	4	...	1	...	...	...	...	...	...	...	...	6
	Matunga		1	1	...	...	2	...	...	...	...	...	...	...	...	...	...	4
	Dharavi		4	1	...	...	52	44	17	...	1	...	...	...	...	...	...	119
	Custom Road		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
	Worli.																	
	[illegible]	45,588	1	1	...	...	24	18	2	...	1	...	...	...	...	...	...	47
	[illegible]		...	...	...	...	21	8	1	...	3	2	...	...	...	...	...	35
	[illegible]		...	...	...	...	10	1	...	...	1	...	...	...	...	...	...	12
	[illegible]		1	2	...	...	93	44	9	4	...	1	...	...	...	...	...	154
	[illegible]oad		...	1	...	...	31	27	10	...	...	...	...	...	...	...	...	69
	[illegible]e Road ...		1	...	...	...	11	20	1	...	...	...	...	...	...	...	...	33
	[illegible]ad		1	...	...	...	20	6	...	1	...	2	...	...	...	...	...	30
	[illegible]cy Road		2	...	...	...	27	...	...	...	...	...	1	...	...	...	...	30
	[illegible]arrol Road		...	...	...	...	2	19	1	...	...	1	...	...	...	...	...	23
	Koliwada		...	1	...	...	31	...	...	...	...	1	...	...	...	...	...	33
	Breach Candi Road ...		1	...	...	...	32	13	3	1	...	...	...	...	...	...	...	50
	Nawapada		...	...	...	...	6	...	...	...	...	1	...	1	...	...	...	8
	Pakadi		2	1	...	...	37	...	1	1	...	2	...	...	...	...	...	44
	New Parbhadevi		1	...	...	...	35	6	...	...	...	...	...	...	...	...	...	42
	Dadar Kumbharwada ...		2	1	...	...	38	1	...	...	...	2	...	...	...	...	...	44
	Portuguese Church Road.		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1

LICENSE DEPARTMENT.

REPORT OF MR. L. W. MICHAEL, SUPERINTENDENT OF LICENSES, SUBMITTED UNDER HIS No. 1763, DATED 5TH MAY 1905.

I have the honour to submit my Administration Report for the year 1904-05.

Mr. Sorabjee Bomanjee Master was Superintendent of Licenses from the commencement of the official year up to 14th October 1904, when he was transferred to act as Revenue and Refund Audit Officer and was subsequently confirmed in that appointment. I was appointed to act as Superintendent of Licenses on 14th October 1904, but as I was then Acting Superintendent of Markets and Slaughter Houses, Mr. Behramjee Pestonjee Mehta, Senior Inspector of my Department, was placed in charge of the License Department. I took charge from him on 3rd November 1904, on which date I was confirmed and held office till the close of the official year.

On 10th November 1904, the Municipal Commissioner was pleased to delegate to me the power of issuing poison licenses under Bombay Act VIII of 1866. This power had hitherto been delegated to the Commissioner of Police.

Two prosecutions were successfully instituted for the sale of poisons without a license, and in both cases the owners of the shops were fined Rs. 20 each, and their servants Rs. 5 each. The revenue derived for the renewal of licenses (which are issued for the calendar year) and the issue of new ones up to 31st March 1905, amounts to Rs. 672½, as against Rs. 127½ collected in the preceding 12 months.

I append a tabulated statement showing the amount of fees collected and the number of licenses issued under each head of licensable commodities during the year under report.

The income from these, up to 31st March last, was Rs. 75,149½ which includes Rs. 154 collected for the previous year and Rs. 672½ on account of Poison licenses.

The following table shows the total revenue collected from 1890-91 up to 31st March —

...ial year.	No. of Licenses issued.	Revenue from License Fees. Rs. a. p.	Remarks.
... ...	3,235	36,417 8 0	
...	4,110	46,388 0 0	
...	4,833	54,996 8 0	
...	5,407	60,507 8 0	
...	5,701	63,914 8 0	
... ...	5,880	65,048 8 0	
... ...	5,130	56,462 8 0	
... ...	5,750	63,741 8 0	
...99	5,588	60,646 8 0	
...99-1900	5,831	63,732 8 0	
1900-01	5,912	63,689 0 0	
1901-02	6,154	67,516 0 0	
1902-03	6,538	72,028 0 0	
1903-04	6,474	73,880 0 0	
1904-05	6,576	75,149 8 0	

It has been decided to close four milch-cattle stables at the end of the current year. They are:—3 at Goghari Moholla, 1st Cross Lane, and one at 1st Cooper Street. It has also been decided to close a bullock-stable at Bardan Street. The City Improvement Trust are acquiring several milch-cattle stables, *viz.*, at Chandanwadi, 1st and 2nd Pathan Street, and Khetwadi 2nd Lane.

When these stables have been acquired and demolished, and those referred to by me have been closed, the total number of animals that will be displaced will be 520.

For want of adequate accommodation in the south of the city these animals will have to be stabled in the north of the town. The question of the supply of milk to the south of the city will have to be very seriously considered before we proceed to close any more milch-cattle stables in that district.

The question of licensing railway premises for storing licensable commodities is still under the consideration of the Government of India.

The number of prosecutions conducted during the year against persons for carrying on trades subject to licenses, without licenses, or for infringing the conditions thereof amounted to 2,465 against 2,307 instituted during the year 1903-04.

The total fines recovered during the year under report amounts to Rs. 2,901.

My staff worked satisfactorily during the year.

A.

YEARLY Total of License Fees (with Process Fees) recovered during 1904-1905.

No. of Licenses issued.	Nature of Trade.	License Fee. Rs. a.	Process Fee. Rs. a.
8	Bones	160 0	0 8
17	Bricks (Hand-made)	170 0	4 0
3	Candles (Manufacturing)	15 0	.....
1	Catgut	15 0	.....
32	China Grass, Cocoanut Fibre, Flax, Hemp, Jute and Tow..	530 0	1 8
216	Charcoal	1,790 0	28 0
97	Coal and Coke	1,550 0	3 0
38	Cloths in Indigo-Dyeing (Hand-power and Machine-power)...	980 0	2 8
21	Do. in other Colours, Dyeing (Hand-power and M.-P.)...	1,269 0	18 8
	ical Preparations	2,328 0	4 8
	(Storing and Pressing)	1,365 0	6 8
	Refuse, Seed or Waste	2,513 0	23 8
	er, Tar or Pitch	470 0	7 0
	l Tallow	420 0	7 0
	Dried)	195 0	1 0
	„)	420 0	3 0
	works (Retail)	765 0	8 8
	Do. (Wholesale)	615 0	1 0
	ewood (Retail)	514 0	5 0
	Do. (Wholesale)	9,320 0	89 8
	(Manufacturing)	100 0	.....
	owder (Retail)	110 0	.....
	(Wholesale)	300 0	1 0
	nd Skins (Dried)	255 0	1 8
	. (Raw)	700 0	2 8
	and Wool (Raw)	1,365 0	3 0
	Hoofs	640 0	4 0
	and Grass	3,985 0	22 0
	l (Retail)	6,050 0	86 8
	(Wholesale)	3,740 0	2 8
	ning (Lime-kiln)	750 0	5 0
	il)	938 0	20 0
	olesale)	435 0	.....
	r)	2,145 0	19 8
	Mills	1,225 0	27 0
	pared by Mechanical Power	110 0	1 0
	... ...	5,222 0	24 8
	(Retail) under Municipal Act	210 0	.....
	under Petroleum Act	114 0	.....
	(Wholesale)...	100 0	.....
	ufacturing)	15 0	.....
	mary)	172 8	.....
	cial)	500 0	.....
	nufacturing)	100 0	.....
	... ...	45 0	0 8
	or Burmah Oil	25 0	.....
	... ...	60 0	1 0
	e	85 0	.....
	ur (Retail)	210 0	1 8
	Do. (Wholesale)	120 0	.....
	ilk (Dyeing)	50 0	1 0
	Soap (Manufacturing)	210 0	2 0
1	Sugar Refineries	510 0	.....
79	Stable for Horses	2,470 0	6 0
93	Do. Milch-Cattle	4,480 0	3 0
45	Do. Bullocks	525 0	3 8
3	Do. other four-footed animals	15 0	.....
941	Timber	9,119 0	170 8
1	Tiles	5 0	.....
115	Turpentine (Retail)	575 0	4 0
9	Do. (Wholesale)	135 0	0 8
47	Wool	1,345 0	4 8
66	Waste-paper	66 0	6 8
26	Whistle (Steam)	260 0	.....
6,563	GRAND TOTAL Rs. ...	74,995 8	639 0

B.

STATEMENT showing the Amount of License Fees (with Process Fees) for 1903-1904 reco in 1904-1905.

No. of Licenses issued.	Nature of Trade.	License Fee.	Process Fee.
		Rs. a.	Rs. a.
1	Chemicals	20 0	0 8
1	Cotton-refuse, Seed or Waste	25 0	0
4	Firewood (Wholesale)	30 0	
1	Hay	25 0	
1	Kerosine Oil (Retail)	5 0	
4	Timber	48 0	
1	Waste-paper	1 0	
13	TOTAL Rs. ...	154 0	

SUMMARY OF INCOME FOR 1904-1905.

No. of Licenses issued.	Official Year during which collection was made.	License Fee.	Process Fee.
		Rs. a.	Rs. a.
13	Income for 1903-1904 collected during the official year 1904-1905.	154 0	10 0
6,563	Income for 1904-1905 collected from 1st April 1904 to 31st March 1905	74,995 8	639 0
6,576	TOTAL ... Rs.	75,149 8	649 0

1.—MARKETS.

Report of the Superintendent of Markets and Slaughter Houses received under his No. 995 of 19th June 1905.

1. The total amount of stallages from the different Municipal Markets, recoverable every quarter or half-year, under the terms of Section 407 (*a*) and (*c*) at the opening of the year, amounted to Rs. 48,782 against Rs. 49,408 at the closing of the year, showing an increase of Rs. 626, which is due to the right of occupancy of some of the stalls in the different Municipal Markets having been sold by auction for a higher sum during the year under report. The following is the detailed statement :—

Names of Markets.	Rent per quarter as appearing at the opening of the year.	Rent per quarter as appearing at the closing of the year.	Increase.	Decrease.	Net Increase.	Remarks.
	Rs.	Rs.	Rs.	Rs.	Rs.	
... ...	318	318	...	...	Rs. 626-0-0.	
... ...	4,783	4,826	43	...		
Vegetable Market ...	15,541	15,695	154	...		
Mutton Market ...	2,629	2,629	...	...		
Market (new)	955	955	...	...		
arket	2,664	2,664	...	...		
... ...	1,573	1,573	...	...		
... ...	867	846	...	21		
Fruit and Vegetable Market (old) ...	6,520	6,921	401	...		
do. (new)...	2,446	2,453	7	...		
on Market ...	2 509	2,514	5	...		
... ...	3,162	3,198	35	...		
... ...	476	476	...	...		
... ...	345	345	...	...		
... ...	100	100	...	...		
rket	3,593	3,593	...	...		
... ...	300	302	2	...		
Total ...	48,782	49,408	647	21		

mount of stall rents (exclusive of departmental squatters' fees and squat- n contractors) collected during the year under report, on the basis of the scale shown above, amounted to Rs. 1,57,316-3-2 against Rs. 1,54,720-4-6 in the previous year, showing an increase of Rs. 2,595-14-8. This is chiefly due to the fact that the right of occupancy of some of the stalls in the different Municipal Markets was put up to auction during the year under report and higher rentals were obtained for them. The increase would have been still greater if the stalls that were vacant in the previous year had not remained unoccupied during the year under report, as will be seen from the statement in the margin.

	Total number of stalls.	Average number of stalls vacant in each quarter in 1904-1905.	Average number of stalls vacant in each quarter in 1903-1904.
.. .. ..	70	35	35
.. .. ..	266	60	59
t	342	39	36
.. .. ..	119	47	46
.. .. ..	68	20	19
.. .. ..	78	..	..
.. .. ..	28	..	..
.. ..	29	..	1
and Vegetable Market (old)..	426	43	41
do. do. do. (new)..	128	36	39
Mutton Market..	114	36	38
ar Market	162	18	22
or Market	40	8	7
ras Road Market..	68	47	46
Pork Market	2	..	..
Dalhousie Road Sheep Market	50	..	..
Fergusson Road Market	23	1	1
Total.	2,238	415	412

The following is an explanatory statement which will show in detail the difference in stall rents on account of the total or partial vacancy of stalls as also the subsequent alterations in stall rents on account of rise or fall in stall rents at the auction sale during the year under report contrasted with those in the previous year :—

Names of Markets.	Annual rent recoverable as based on the quarterly or half-yearly rents as appearing at the opening of the year.	Difference in collection of rents during the year on account of rise or fall in rents.		Difference in collection of rents during the year on account of total or partial vacancy of stalls.	Net increase.	Net decrease.	Actual amount recovered during the year (difference of columns 2, 6 and 7).	Remarks.
		Increase.	Decrease.					
1	2	3	4	5	6	7	8	9
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	1,372 0 0	.....	.....	629 10 0	.....	629 10 0	742 6 0	
Fort Market	9,409 0 0	32 9 3	.....	2,162 4 3	.....	2,129 11 0	7,279 5 0	
A. C. Fruit and Vegetable Market	62,164 0 0	408 4 6	28 0 3	3,170 9 10	.....	2,790 5 7	59,373 10 5	
Do. Fish and Mutton Market	10,516 0 0	.....	.....	3,119 8 0	.....	3,119 8 0	7,396 8 0	
Do. Mutton Market (new)	3,820 0 0	.....	.....	1,103 14 0	.....	1,103 14 0	2,716 2 0	
Do. Beef Market	10,656 0 0	39 10 9	.....	86 7 2	.....	46 12 5	10,609 3 7	
Godowns	6,292 0 0	.....	.....	....	.....	.....	6,292 0 0	
Fowl Rooms	3,468 0 0	.....	40 10 9	84 10 5	.....	105 6 2	3,362 10 10	
Erskine Road Fruit and Vegetable Market (old)	26,080 0 0	1,518 15 10	146 0 1	2,673 14 5	.....	1,301 14 8	24,779 1 4	
Do. do. do. (new)	9,784 0 0	12 0 10	.....	4,139 2 10	.....	4,127 2 0	5,656 13 0	
Do. Mutton Market	10,086 0 0	17 8 0	3 7 0	2,352 8 0	.....	2,338 7 0	7,697 9 0	
Bhuleshwar Market	12,652 0 0	32 7 6	25 8 0	1,332 12 2	.....	1,265 12 8	11,386 3 4	
Pedder Market	1,694 0 6	.....	.....	342 2 0	.....	342 2 0	1,351 14 6	
Foras Road Market	1,380 0 0	.....	.....	1,062 0 0	.....	1,062 0 0	318 0 0	
Port Market	100 0 0	.....	.....	.....	.....	.....	100 0 0	
DeLisle Road Sheep Market	7,186 0 0	.....	.....	.....	.....	.....	7,186 0 0	
Fergusson Road Market	1,200 0 0	3 7 9	.....	134 11 1	.....	131 3 4	1,068 12 8	
Total for 1904-1905 ..	1,77,709 0 0	2,125 0 5	243 10 1	22,274 3 2	.....	20,592 12 10	1,57,316 3 2	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	1,264 0 0	4 0 6	.....	491 5 0	.....	487 4 6	776 11 6	
Fort Market	9,419 0 0	12 0 0	8 8 0	2,249 3 0	.....	2,246 0 0	7,173 0 0	
A. C. Fruit and Vegetable Market	61,340 0 0	351 4 6	349 2 0	2,379 4 8	.....	2,377 2 2	58,962 13 10	
Do. Fish and Mutton Market	10,488 0 0	23 3 8	.....	3,019 5 9	.....	2,996 2 1	7,471 13 11	
Do. Mutton Market (new)	3,800 0 0	15 0 0	.....	1,062 13 6	.....	1,047 13 6	2,752 2 6	
Do. Beef Market	10,535 0 0	.....	.....	4 10 4	.....	4 10 4	10,531 5 8	
Godowns	6,272 0 0	60 0 0	.....	.....	60 0 0	.....	6,272 0 0	
Fowl Rooms	3,468 0 0	.....	.....	87 12 8	.....	81 3 2	3,350 12 10	
Erskine Road Fruit and Vegetable Market (old)	26,080 0 0	1,518 15 10	146 0 1	2,411 8 3	.....	2,439 2 9	23,746 13 3	
Do. do. do. (new)	9,784 0 0	12 0 10	.....	4,279 6 0	.....	4,281 0 0	5,511 0 0	
Do. Mutton Market	10,086 0 0	17 8 0	3 7 0	2,754 6 11	.....	2,768 1 8	7,323 14 4	
Bhuleshwar Market	12,652 0 0	32 7 6	25 8 0	1,795 10 5	.....	1,768 8 8	10,903 7 4	
Pedder Market	1,694 0 6	.....	.....	321 13 4	.....	321 13 4	1,372 13 4	
Foras Road Market	1,380 0 0	.....	.....	.....	.....	.....	290 0 0	
Port Market	100 0 0	.....	.....	.....	.....	.....	100 0 0	
DeLisle Road Sheep Market	7,186 0 0	.....	.....	.....	.....	.....	7,186 0 0	
Fergusson Road Market	1,200 0 0	3 7 9	.....	134 11 1	.....	131 3 4	1,101 8 0	
							1,54,720 4 6	

3. The amount of s[illegible]

Names of Markets.	[illegible]	[illegible]	[illegible]	[illegible]	1904-05.	[illegible] compared 1903-04. Increase.	Decrease.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	880 6 0	804 14 0	796 2 0	776 11 6	742 6 0	.....	34 5 6	
Fort Market...	7,364 4 0	7,222 10 9	7,097 10 0	7,173 0 0	7,279 5 0	106 5 0	.....	
A. C. Fruit and Vegetable Market ...	56,493 6 5	57,313 0 7	58,229 6 11	58,962 13 10	59,373 10 5	410 12 7	.....	
Do. Fish and Mutton Market	7,307 4 0	7,266 2 0	7,319 8 3	7,471 13 11	7,396 8 0	.....	75 5 11	
Do. Mutton Market (new)	3,110 0 0	3,109 8 0	2,836 8 0	2,752 2 6	2,716 2 0	.....	36 0 6	
Do. Beef Market	10,644 0 0	10,546 2 0	10,536 0 0	10,531 5 8	10,609 3 7	77 13 11	.....	
Godowns	6,212 0 0	6,212 0 0	6,212 0 0	6,272 0 0	6,292 0 0	20 0 0	.....	
Fowl rooms	3,377 0 0	3,360 2 8	3,330 2 8	3,350 12 10	3,362 10 10	11 14 0	.....	
Erskine Road Fruit and Vegetable Market (old)...	23,717 10 0	23,809 3 7	23,959 14 0	23,740 13 3	24,779 1 4	1,038 4 1	.....	
Do. do. (new)...	5,522 12 0	5,211 4 0	5,468 0 0	5,511 0 0	5,656 13 0	145 13 0	.....	
Do. Mutton Market	7,520 9 4	7,394 5 10	7,102 15 1	7,323 14 4	7,697 9 0	373 10 8	.....	
Bhuleshwar Market	9,896 6 8	10,120 0 0	10,507 1 1	10,803 7 4	11,386 3 4	582 12 0	.....	
Pedder Market	1,274 0 0	1,335 6 0	1,372 0 0	1,372 13 4	1,351 14 0	.....	20 15 4	
Foras Road Market...	320 11 4	347 6 0	293 0 0	290 0 0	318 0 0	28 0 0	.....	
Pork Market...	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	.....	.....	
DeLisle Road Sheep Market	7,140 0 0	7,155 8 7	7,186 0 0	7,186 0 0	7,186 0 0	.....	.....	
Fergusson Road Market	1,102 12 0	1,036 13 7	1,138 12 8	1,101 8 0	1,068 12 8	.....	32 11 4	
Total ...	1,51,983 1 9	1,52,344 7 7	1,53,485 0 8	1,54,720 4 6	1,57,316 3 2	.....	.....	
Increase over preceding year's rent ...	3,755 10 6	361 5 10	1,140 9 1	1,235 3 10	2,595 14 8	.....	.....	
Decrease over preceding year's rent ..	.....	.....	.....	.....	.....	.....	.....	

4. The Squatters' Fees from Fish Markets, Scale Fees in the Crawford Markets compound, and the Fair Ground Rent and the Feeding Fees at the Bandora Slaughter Houses, recovered from the contractors during the year under report, amounted to Rs. 1,13,440 against Rs. 1,19,535 in the previous year, shewing a decrease of Rs. 6,095. These rights as usual were put up to auction by the Municipal Auctioneers, except in the case of the Foras Road Market, the fees of which were collected departmentally, as the same is about to be closed, and the sale was approved of by the Standing Committee. The items of decreases are under the heads "Fair Ground Rent, and Feeding Fees" and "Scale Fees." The yield in the former head is fair, considering the state of business done on the Fair Ground. As regards the Scale Fees, this office has no means of knowing as to the probable income, but now that a Clerk has been appointed to keep Scale Statistics, it will enable this office to arrive at an estimated income at the close of the current year. In the following statement are contrasted in detail the fees recovered from the different contractors during the year under report with those in the previous four years:—

Particulars.	1900-1901.	1901-1902.	1902-1903.	1903-1904.	1904-1905.	Difference as compared with 1903-1904.	
						Increase.	Decr
	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs.	Rs.	Rs.
Fort Market ...	1,700 0 0	1,900 0 0	1,800	1,850	1,950	100	...
A. C. Beef and A. C. Fish Markets...	6,800 0 0	6,800 0 0	6,700	7,475	8,510	1,035	.....
Erskine Road Fish Market	16,850 0 0	15,800 0 0	17,150	17,600	18,200	600	.....
Pedder Market ...	1,400 0 0	1,700 0 0	1,975	1,800	1,600	...	200 0
Foras Road Market.	35 0 0	35 0 0	165	...	...	...	.....
Colaba Market ...	1,100 0 0 °0 5 4	1,050 0 0	1,075	985	875	...	110
Fergusson Road Market	1,125 0 0	1,300 0 0	1,300	1,200	1,105	...	9
Total Squatters' Fees.	29,010 0 0 0 5 4	28,585 0 0	30,165	30,910	32,240	...	
Scale Fees at the A. C. Market compound	6,500 0 0	6,700 0 0	6,600	7,000	5,100	...	
Fair Ground Rent and Feeding Fees at Bandora ...	66,500 0 0	69,200 0 0	69,500	81,625	76,100	...	
GRAND TOTAL ...	1,02,010 5 4	1,04,485 0 0	1,06,265	1,19,535	1,13,440		
Increase over preceding year's amount	8,925 5 4	2,474 10 8	1,780	13,270	...		
Decrease over preceding year's amount	.....	.....	...	...	6,095		

5. The Squatters' Fees collected departmentally in the several Muni... the year under report amounted to Rs. 4,646-10-6 against Rs. 4,241-11-9 i... showing an increase of Rs. 404-14-9. This is due to greater number of squ... allowed to occupy places under the eaves of the Markets during the year under... the previous year. In the following statement are contrasted the fees recover... year under report with those in the previous year:—

Names of Markets.	1904-1905.	1903-1904.	Difference.		Remarks.
			Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market...	46 11 0	46 5 0	0 6 0	.....	
Fort Market	231 13 0	11 7 0	220 6 0	.....	
A. C. Fruit and Vegetable Market	177 11 6	191 5 0	.....	13 9 6	
Erskine Road Fruit and Vegetable Market	2,097 1 3	1,973 0 9	124 0 6	... ...	
Bhuleshwar Market.... ...	1,278 8 0	1,325 2 6	... .	46 10 6	
Pedder Market	0 1 0	0 4 0	.....	0 3 0	
Foras Road Market	148 11 0	94 10 0	54 1 0	.....	
Fergusson Road Market ...	666 1 9	599 9 6	66 8 3	.....	
Total ...	4,646 10 6	4,241 11 9	465 5 9	60 7 0	Net Increase, Rs. 404-14-9.

6. For ready reference, the total receipts from each market (that is, Stall Rents, Squatters' Fees collected departmentally and Squatters' Fees from the contractors added together) during the year under report have been shown in the following statement :—

Names of Markets.	Stall Rents.	Squatters' Fees collected departmentally.	Squatters' Fees from Contractors.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Colaba Market	742 6 0	46 11 0	875 0 0	1,664 1 0
[illegible]Market	7,279 5 0	231 13 0	1,950 0 0	9,461 2 0
[illegible]d Vegetable Market	59,373 10 5	177 11 6	.....	59,551 5 11
[illegible]tton Market	7,398 8 0	.....	8,510 0 0	15,906 8 0
[illegible]ket (new)	2,716 2 0	.....	.....	2,716 2 0
... ...	10,609 3 7	.....	.....	10,609 3 7
[illegible]e Fees	.....	.....	5,109 0 0	5,109 0 0
... ...	6,292 0 0	.....	.....	6,292 0 0
... ...	3,362 10 10	.....	.....	3,362 10 10
Crawford Markets, Total ...	89,750 2 10	177 11 6	13,610 0 9	1,03,537 14 4
[illegible] and Vegetable Market (old) ...	24,779 1 4	2,097 1 8	.....	26,876 2 7
[illegible]do. do. (new) ...	5,656 13 0	.....	.....	5,656 13 0
[illegible]tton Market...	7,697 9 0	.....	.....	7,697 9 0
[illegible]sh Market	.....	.....	18,200 0 0	18,200 0 0
Erskine Road Markets, Total ...	38,133 7 4	2,097 1 8	18,200 0 0	58,430 8 7
[illegible]ket	11,386 3 4	1,278 8 0	.....	12,664 11 4
... ...	1,351 14 0	0 1 0	1,600 0 0	2,951 15 0
... ...	318 0 0	148 11 0	.....	466 11 0
... ...	100 0 0	.....	.....	100 0 0
[illegible]rket	7,186 0 0	.....	.....	7,186 0 0
... ...	1,068 12 8	666 1 9	1,165 0 0	2,889 14 5
GRAND TOTAL ...	1,57,316 3 2	4,646 10 6	57,340 0 0	1,99,302 13 8
[illegible]D TOTAL FOR 1903-04.	1,54,720 4 6	4,241 11 9	37,910 0 0	1,96,872 0 3

[illegible] from other sources, comprising the following heads, was Rs. 1,818-11-0 [illegible]pport against Rs. 2,002-13-6 in the previous year, showing a decrease [illegible]d against each head in the following statement :—

[illegible]ars.	1904-1905.	1903-1904.	Difference.		Remarks.
			Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
[illegible]easures	1,522 6 0	1,740 4 6	.....	217 14 6	Net decrease, Rs. 184-2-6.
... ...	24 4 0	60 9 0	.....	36 5 0	
... ...	85 8 0	100 11 0	.....	15 3 0	
[illegible]at or animals seized (2)	69 0 0	3 14 0	65 2 0	.....	
[illegible]manure	43 8 0	48 0 0	.....	4 8 0	
[illegible]	15 0 0	15 0 0	.....	.....	
[illegible]roducing Office record, &c. ...	10 0 0	2 0 0	8 0 0	.....	
[illegible]n fee	1 0 0	.....	1 0 0	.....	
[illegible]r preparing duplicate copies of receipts.	.....	1 4 0	.....	1 4 0	
[illegible] proceeds of wood of trees in the [illegible]arkets compound	11 0 0	4 0 0	7 0 0	.....	
[illegible] tapping toddy trees at Bandora	.....	25 8 0	.....	25 8 0	
[illegible]roceeds under Section 490 after defraying expenses	1 2 0	1 11 0	.....	0 9 0	
Fine recovered from a stall holder in A. C. Market for 30 days' delay in payment of rent	33 12 0	.....	33 12 0	.....	
Ground rent in Fort Market compound (South Side) recovered from Mr. Framji Sorabji Shroff for 35 years from 25th August 1870 to 24th August 1905 at anna one per year	2 3 0	.....	2 3 0	.....	
Total ...	1,818 11 0	2,002 13 6	117 1 0	301 3 6	

8. As there is no appreciable difference in the several heads shown in the above statement, the detailed explanation is not necessary.

Slaughter Fees, Butchers' License Fees, &c., &c.

9. The total collection under these heads amounted to Rs. 1,71,804-8-0 during the year under report against Rs. 1,74,412-11-0 in the previous year, showing a decrease of Rs. 2,608-3-0 as contrasted in the following statement :—

Particulars.	1904-1905.	1903-1904.	Difference. Increase.	Difference. Decrease.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	
Slaughter fees	1,49,278 8 0	1,53,425 8 0	.....		
License fees	15,852 8 0	14,601 8 0	1,231 0		
Carriage of meat for Commissariat Contractor...	48 0 0	48 0 0	.....		
Ground rent	135 0 0	135 0 0	.....		
Chawl rent	2,365 8 0	2,363 0 0	2 8		
Total ...	1,67,654 8 0	1,70,573 11 0	1,233 8		
Rent from the Commissariat Department (paid direct into the Chief Accountant's Office) ...	3,240 0 0	3,000 0 0	240 0		
Proceeds of blood from the Contractor	910 0 0	840 0 0	70 0		
Total ...	4,150 0 0	3,840 0 0	310 0		
GRAND TOTAL ...	1,71,804 8 0	1,74,412 11 0	1,543 8 0		

10. It will be observed, on reference to the above statement, that ... of dec... the he... Fees, ... Rs. ... due ... a n... buf... goa... th...

Description of animals.	Number slaughtered in 1904-1905.	Number slaughtered in 1903-1904.	Increase.	Decrease.
Buffaloes	2,259	2,825	.....	566
Cows, bullocks and calves...	39,649	35,968	3,681	.....
Sheep and goats	640,371	644,089	.....	3,718

having been slaughtered during the year under report than in the prev... total number of cows, bullocks and calves slaughtered, 77 carcasses ... diseased and had to be condemned as shewn in the following comparative...

Year.	Cystic Carcasses.	Diseased Ca...
1904-1905	58	19
1903-1904	85	22

11. The several foregoing statements will shew that the total rec... detailed therein amounted to Rs. 4,49,026-0-8 during the year under re... be added Rs. 486-13-1, being the total deposit amount adjusted and cr... Fund as detailed below, bringing up the total to Rs. 4,49,512-13-9 agai... in the previous year, shewing a decrease of Rs. 5,906-3-0 :—

Particulars.	
Amount deposited by Ramjee Hari Mistri with tender for extending Beef Slaughter House at Bandora, forfeited and credited to the Municipal Fund, he having failed to execute the contract.	300
Amount of unadjusted balance out of the deposit lodged by Fakir Mahomed Bharmal & Co. for the contract of lighting Municipal Markets during 1900-1901, adjusted by debit to deposit account per contra.	5 2
Amount due to Bombay Electric Company, kept as deposit pending final disposal, now adjusted by debit to deposit account per contra.	152 11 1
Amount of deposits received from the occupiers of outside shops Nos. 6, 7, 11, and 12 of the A. C. Fruit and Vegetable Market on account of cost of replacing the partitions which separated the shops. As these partitions are not likely to be replaced for years to come, the amount outstanding for a long time is now adjusted by debit to deposit account.	10 0 0
Amount of refund of Slaughter Fee in favour of Farid Manaji, who is dead, and the widow having foregone her claim, the same is now credited to the Slaughter Fees by debit to deposit account.	19 0 0
Total... ...Rs.	486 13 1

12. During the year under report 2,266 buffaloes, 44,298 horned cattle and 731,798 sheep and goats were brought on the Bandora Fair Ground for examination and disposal, out of which 3 buffaloes, 1,948 horned cattle and 21,247 sheep and goats were found unfit for slaughter on inspection, and were consequently rejected, *vide* the following comparative statement. The remainder were either slaughtered for the Markets or were otherwise disposed of, the details of which are shown in Appendix A :—

Year.	Animals presented for examination.			Animals rejected.		
	Buffaloes.	Horned cattle.	Sheep and Goats.	Buffaloes.	Horned cattle.	Sheep and Goats.
1904-1905	2,266	44,298	731,798	3	1,948	21,247
1903-1904	2,836	39,509	721,022	13	1,823	22,892

13. The total amount of refunds, for which certificates were granted on account of slaughter fees, in respect of the animals that were removed from the Slaughter Houses compound for shipping requirements was Rs. 1,870-8-0, the details of which are as under :—

Number of Cows, Bullocks or Calves removed on Board.	Amount of Refund.	Number of Sheep and Goats removed on Board.	Amount of Refund.	Total amount of Refund.
	Rs. a. p.		Rs. a. p.	Rs. a. p.
39	445 0 0	3,851	1,425 8 0	1,870 8 0

14. The fines inflicted by the Presidency Magistrates for the infringements of the provisions of the Sections of the Municipal Act and the Bye-laws pertaining to Markets and Slaughter Houses amounted to Rs. 913 during the year under report against Rs. 1,193 in the previous year as detailed below :—

Year.	Section 411 (a).	Section 411 (b).	Section 412.	Bye-laws, Chapter II, Clause 3.	Bye-laws, Chapter II, Clause 13.	Bye-laws, Chapter II, Clause 18.	Total Amount of Fines.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1904-1905	268 0 0	3 0 0	617 0 0	....	3 0 0	22 0 0	913 0 0
1903-1904	47 0 0	....	1,069 0 0	47 0 0	31 0 0	6 0 0	1,193 0 0

15. The quantity of unwholesome food, particularly meat and fish, destroyed during under report as unfit for human consumption, under the provisions of Sections 415 of the Act, was 122,080 lbs. against 131,574 lbs. in the previous year.

The Beef and Mutton supply during the year under report was fairly good, also etable supply was as usual up to mark.

clusion I have to record that the staff under my control, both Clerical and ked well, notwithstanding the very responsible and ever increasing work

Appendix A.

STATEMENT showing the number of animals slaughtered, removed for private slaughter, &c., during the year 1904-1905.

Description of Animals.	Months.												Total Number of Animals Slaughtered.	Total amount of Slaughter Fees.	Remarks.
	April 1904.	May 1904.	June 1904.	July 1904.	Aug. 1904.	Sept. 1904.	Oct. 1904.	Nov. 1904.	Dec. 1904.	Jan. 1905.	Feb. 1905.	Mar. 1905.			
														Rs. a. p.	
Buffaloes	131	108	233	345	340	303	169	179	127	128	92	104	2,259	22,590 0 0	
Cows	2,727	2,854	2,592	2,337	2,299	2,307	2,708	2,695	3,016	3,000	2,788	2,970	32,293	24,219 12 0	
Bullocks	493	703	562	393	401	324	422	370	781	917	755	617	6,738	5,053 8 0	
Calves	30	43	54	54	43	64	83	37	45	57	61	47	618	463 8 0	
Sheep, Goats, &c., for Bombay ...	45,881	51,684	52,946	50,064	46,993	48,688	46,092	43,689	49,437	50,239	44,708	51,502	581,923	72,740 6 0	
Sheep, Goats, &c., for Mahim ...	2,481	2,964	2,704	2,786	2,454	2,544	2,718	2,716	3,379	3,302	3,258	3,405	34,711	2,169 7 0	
Sheep, Goats, &c., for Bandora...	1,862	1,991	1,384	1,774	1,484	1,966	1,832	1,852	2,230	2,399	2,206	2,257	23,737	1,483 9 0	
Horned Cattle slaughtered by Commissariat	151	159	140	147	139	168	225	169	179	133	172	206	1,988	994 0 0	
Sheep, Goats, &c., slaughtered by Commissariat	518	571	593	527	463	471	769	530	481	564	551	632	6,670	416 14 0	
Pigs slaughtered at Sonapore...	43	41	38	45	43	42	41	43	65	52	41	47	541	541 0 0	
	2	**4**	**6**	**8**	**2**	**7**	**7**	**2**	**7**	.....	**4**	**9**	**58**	**116 0 0**	
Live Horned Cattle brought to Bombay	3	29	1	2	29	66	23	22	8	31	12	11	237	1,185 0 0	
	.....	.....	.....	.....	**1**	.....	.....	.....	.....	.....	**2**	.....	**3**	**15 0 0**	
Live Sheep, Goats, &c., brought to Bombay	407	[illegible]	[illegible]	[illegible]	304	885	728	469	835	593	846	459	7,159	3,579 8 0	
	16	[illegible]	[illegible]	[illegible]	**22**	**6**	**13**	**20**	**10**	**7**	**18**	**11**	**175**	**87 8 0**	
Live Sheep, Goats, &c., removed by DeLisle Road Sheep Market Fadkarees	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]898	2,128	1,768	2,071	2,473	3,920	2,770	27,237	13,618 8 0	
													Total Slaughter Fees, Rs.	1,49,273 8 0	

[illegible] private individuals within the meaning of Section 403 (2) (c) of the Act.

EDUCATIONAL.

REPORT OF THE JOINT SCHOOLS COMMITTEE, FORWARDED BY THE COMMITTEE'S SECRETARY UNDER HIS NO. 519 OF 22ND MAY 1905.

THE JOINT SCHOOLS COMMITTEE'S OFFICE,
Bombay, 15th May 1905.

REPORT ON THE ADMINISTRATION OF THE JOINT SCHOOLS COMMITTEE FOR THE YEAR 1904-05.

Constitution of the Committee.

...o commencement of the year the Joint Schools Committee consisted of the follow-...

...d by Government.	*Appointed by the Corporation.*
...H. SETALVAD, B.A., LL.B.	JAMES MACDONALD, ESQ.
..., ESQ.	RAO BAHADOOR DHAKJI CASSINATHJI.
...BAHADOOR DARASHA R.	KAZI KABIRUDDIN, ESQ., BAR.-AT-LAW.
	BHAISHANKAR NANABHOY, ESQ.
...TON, M.A.	

...members of the Committee who retired under the provisions of Section ... Municipal Act were the Hon'ble Mr. Darasha R. Chichgur and Rao ...athji and they were both re-appointed by the Government and the ...

... Setalvad was re-elected Chairman for the year 1905.

Finance.

... with a balance of Rs. 66,504, against Rs. 24,943 for the previous year. ... to the increased contributions of Government and the Municipality. The ... the additional grant to the extent of Rs. 20,500 during the year under ...ther proposals for the improvement and extension of primary education ... 1905-06, along with other reforms which are in contemplation, the whole ... will soon be absorbed. Some of these proposals have been awaiting the ...ration since June 1904, and the Committee trust the necessary sanction ...n early date.

...pts from all sources amounted to Rs. 2,24,545, as against Rs. 1,46,727 for the ...ear, while the expenditure was Rs. 1,82,986, against Rs. 1,62,400 for 1903-04.

The average cost per pupil was Rs. 20·5 as against 19·5 for the preceding year and was ...ibuted as under :—

Teaching	Rs.	12·5
Rent	„	4·9
Miscellaneous	„	3·1
Total ...	Rs.	20·5

The increase is mainly due to the better equipment of schools with Kindergarten appliances and object-lesson charts and pictures, and providing the schools with better accommodation.

Municipal Schools.

The subjoined table gives a summary of the total number of Municipal Schools together with the total attendance thereat for the past two years :—

Class of Schools.	Municipal.			
	1903-04.		1904-05.	
	Schools.	Pupils.	Schools.	Pupils.
MARATHI.				
Day Schools—				
Middle Schools ...	3	104	3	116
Primary for boys	31	2,678	32	2,917
Do. for girls	10	492	11	603
Total of Marathi Schools ...	44	3,274	46	
GUJERATI.				
Day Schools—				
Middle Schools ...	1	53	1	
Primary for boys ...	13	1,710		
Do. for girls ...	7	746		
Total of Gujerati Schools ...	21	2,509		
URDU.				
Day Schools—				
Middle Schools ...	...	...		
Primary for boys...	17	1,027		
Do. for girls ...	2	239		
Total ...	19	1,26		
Night Schools ...	2	6		
Total of Urdu Schools ...	21	1,3		
Grand Total of Marathi, Gujerati and Urdu Schools ...	86	7,11		

There has been an increase of 5 schools and 415 pupils during t

The total attendance denotes the number of pupils as it st official year ending 31st March 1905, which is just the time when there owing to the prevalence of plague. But during the portion of the year tions of the City were normal, most of the schools were crowded, necessit a number of additional teachers. The highest figure was reached in Dece numbered 9,757.

With the additional funds at the Committee's disposal, they have bee various measures for the improvement and extension of primary education. five new schools, thirteen more schools have been registered for grant-in-aid. staff was strengthened wherever it was needed, and the schools were better equipped with maps, charts, pictures, Kindergarten gifts and physical appliances.

The progress of the schools was satisfactory on the whole.

The middle school scholarship was won by a pupil of the Dongri, Gamdevi and Girgaum Marathi Schools, respectively and two pupils of the Sorabji Shapurji Bengalee Girls' School carried off the Mary Carpenter Scholarship.

Housing of Schools.

The Committee are very glad to observe that Government and the Corporation have agreed to the proposal to raise a loan of ten lakhs for providing good sanitary buildings, in the first instance, for those schools which are indifferently housed at present in hired buildings and are most in need of better accommodation. It is hoped that practical measures will soon be taken for carrying through the project.

The Committee have been unceasing in their endeavours to provide the schools with the best accommodation that can be afforded by hired buildings. The following schools were removed to better quarters during the year under report:—

Girgaum Marathi School.
Buddhiwardhak Gujerati School.
Mahim Urdu School.

The undermentioned schools were provided with additional accommodation:—

Dongri	Marathi	School.
Gamdevi	do.	do.
Mandvi	do.	do.
Worlee	do.	do.
Lower Mahim	do.	do.
Ghodapdeo	do.	do.

Teaching.

The Committee have been directing their efforts towards obtaining competent and qualified teachers, as far as may be. The Marathi and Gujerati schools have been fairly well supplied with trained teachers, but great difficulty is experienced in this respect with regard to the Urdu Schools. There are at present only six trained teachers in the Urdu Schools; but the Committee trust that before long they will be able to add about half a dozen more to the number.

The Government have introduced an additional course for the benefit of certificated teachers at the Training Colleges, and five teachers were deputed by the Committee last year to avail themselves of it.

With the object of improving the status of teachers and attracting some of the best men to Bombay, the Committee have proposed an increase in the scale of pay which is awaiting the sanction of the Corporation.

Aided Schools.

The following table shows the number of Aided Schools with the attendance thereat contrasted with the figures for the preceding year:—

Class of Schools.	Aided.			
	1903-04.		1904-05.	
	Schools.	Pupils.	Schools.	Pupils.
MARATHI.				
... ...	31	2,782	35	3,018
... ...	18	1,419	17	1,410
Total ...	49	4,201	52	4,428
... ...	14	267	14	260
Total of Marathi Schools ...	63	4,468	66	4,688
GUJERATI.				
... ...	16	2,414	21	2,844
... ...	12	1,205	13	1,233
Total of Gujerati Schools ...	28	3,619	34	4,077
URDU.				
Schools—				
...nary for boys	2	345	2	347
Do. for girls	1	17	1	19
Total of Urdu Schools ...	3	362	3	366
Grand Total of Marathi, Gujerati and Urdu Schools ...	94	8,449	103	9,131

Thirteen new schools were registered for grant-in-aid during the year under report, while three schools being closed were removed from the register, and a girls' school was amalgamated with a boys' school, both being under the same agency. There was thus a net increase of nine in the total number of Aided Schools.

While the schools have increased from 94 to 103, the number of pupils has risen by 682.

The total grant earned by the schools was Rs. 28,193, as against Rs. 23,863 for the year 1903-04.

Reversion of Deputy Inspectors to Government Service.

The Deputy Inspectors, Marathi, Gujerati and Urdu Schools having reverted to Government service under the orders of Government, the Committee provided for the appointment of a Superintendent and two Assistants in their place. Mr. N. G. Welinkar, M.A., LL.B., who has been appointed as Superintendent, has set about his work with zeal and energy, and the two subordinate places are expected to be filled up at an early date.

Of the Deputy Inspectors who have reverted to Government service, it may be noted that Mr. Taki and Mr. Malon, who were in charge of the Marathi and Gujerati schools, respectively, being thoroughly competent and experienced officers, had given satisfaction in the discharge of their duties while under the Committee.

Death of Teachers.

The Committee regret very much to report the death, on account of plague and other diseases, of as many as fifteen teachers during the year. Among these were four head masters:—

Mr. Sadashiv H. Marathe, Head Master, Matunga Marathi School.
" Narhar G. Sanjgiri, Head Master, Khetwadi Marathi School.
" Vrajlal Panachand, Head Master, Musjid Bunder Gujerati School.
" Keshav C. Kulkarni, Head Master, Cheulwady Marathi School.

They were experienced teachers and did good work.

Donations and Entertainments.

Mr. N. V. Mandlik, Executor of the Rehatsek Estate, was good enough to pay Rs. 500 for distribution as money prizes amongst deserving pupils. The Bombay Teachers' Association gave a donation of Rs. 360 for supplementing by a small monthly allowance the stipend paid to female pupils at the Training Colleges. Mr. Casamali Jairajbhoy Pirbhoy made a present of books to the pupils of the Jairajbhoy Pirbhoy Girls' School, and Dr. V. P. Chavan gave caps and books for the pupils of Kamathipura Nirashrit School.

Dr. Chavan and Mr. Rajaram R. Bhagvat gave an entertainment to the pupils of three free schools for low-castes maintained by the Committee.

The thanks of the Committee are due to these gentlemen and it is hoped that others follow their example.

Race of Pupils.

The number of pupils distributed in the Municipal and Aided Schools according to race is as under:—

Race.	1903-04.					
	Municipal.	Aided.	Total.	[illegible]	[illegible]	[illegible]
Europeans and Eurasians	...	6	6	...	...	...
Portuguese and Native Christians	55	435	490	49	[illegible]	[illegible]
Hindoos	5,158	4,586	9,744	5,624	5,1[illegible]	[illegible]
Mahomedans	1,585	896	2,481	1,547	959	[illegible]
Buddhists	...	...	...	...	...	...
Parsis	238	2,082	2,320	215	2,154	2,369
Others	79	444	523	95	438	533
Total ...	7,115	8,449	15,564	7,530	9,131	16,661

N. B. MASANI,
Secretary, Joint Schools Committee.

Appendix A.

Statement of Actual Income and Expenditure of the School Fund for the year 1904-05.

Receipts.	Amount.	Expenditure.	Amount.
	Rs. a. p.	A.—Schools.	Rs. a. p.
Balance on the 1st of April 1904	24,943 5 0	1. Head Masters and Teachers	82,371 1 0
Government Grant to Primary Education and Inspection.	74,268 0 0	2. Servants	2,609 5 10
Fees from Municipal Schools...	18,826 9 0	3. Rent	37,406 4 9
Contribution from the General Municipal Fund... ...	1,24,224 0 0	4. Cost of Class Books	510 13 4
Government Grants-in-aid towards Buildings ...	.....	5. School Furniture	6,095 3 6
Interest on Endowments or Investments	6,129 11 4	6. Prizes	2,811 12 9
Miscellaneous	1,096 15 5	7. Contingencies and Miscellaneous	8,062 4 8
		8. Scholarships in Schools	349 8 10
		9. Stipends of Students under Training as Vernacular Teachers	1,842 12 7
		10. Inspectors' Establishment	9,510 15 2
		11. Grants-in-aid to Primary Schools	28,193 0 0
		B.—Buildings.	
		1. Municipal Original Works	.....
		2. Repairs to Municipal School Houses	3,313 8 0
		Balance on 31st March 1905	66,501 14 4
Total Rupees ...	2,49,488 8 9	Total Rupees ...	2,49,488 8 9

The Joint Schools Committee's Office,
Bombay, 15*th May* 1905.

N. B. MASANI,
Secretary, Joint Schools Committee.

Appendix B.

Balance Sheet of "The School Fund" for the year 1904-05.

Liabilities.	Rs. a. p.	Assets.	Rs. a. p.
... ...	96 2 8	By Advance on account of Bengalee Girls' School Building	2,500 14 0
... Rs. 500 0 0		,, Bank of Bombay Government, &c., Paper Deposit Account	2,000 0 0
... ,, 21 10 0	521 10 0	,, Bank of Bombay Surplus Cash, Government, &c., Paper Deposit Account	48,875 0 0
		,, Actual Cash Balance on 31st March 1905—	
... Rs. 1,000 0 0		In Bank of Bombay ... ... Rs. 15,380 13 5	
... ,, 49 14 3	1,049 14 3	In Office Treasury ... ... ,, 232 12 0	
			15,613 9 5
... Rs. 500 0 0			
... ,, 24 10 0	524 10 0		
... at Training Colleges ...	295 4 2		
...iture Account—			
...st March 1905	66,501 14 4		
Total Rupees ...	68,989 7 5	Total Rupees ...	68,989 7 5

The Joint Schools Committee's Office,
Bombay, 15*th May* 1905.

N. B. MASANI,
Secretary, Joint Schools Committee.

To

M. N. WADIA, Esq.,

Municipal Secretary,

BOMBAY.

SIR,

I have the honour to forward herewith the Auditors' Report on the Municipal Accounts for the year 1904-05 in view to the same being printed and placed before the Corporation as usual.

I have the honour to be,

Sir,

Your most obedient Servant,

HORMASJI SHAPURJI KATRAK,

Municipal Auditor.

BOMBAY, 28*th September* 1905.

REPORT OF THE AUDITORS OF MUNICIPAL ACCOUNTS FOR 1904-1905.

For the audit of the accounts under review, Messrs. Sakharam Dhondeo Gupte and Hormasji Shapurji Katrak were appointed Auditors under Corporation Resolution No. 4881, dated 10th March 1904.

2. As usual all vouchers and papers relating to both receipts and disbursements for the year 1904-05 have been examined with the Day Books, and the Subsidiary Ledgers or Classified Abstracts of Receipts and Charges, the General Ledger Postings have been checked with the entries in the Day Books, and those in the Journal with the Subsidiary and General Ledgers.

3. The Weekly Statements of Receipts and Charges of the Municipal Fund were examined as they were prepared prior to their publication in the *Government Gazette*.

4. The number of vouchers relating to the accounts of the year under review compare with those of the previous year as follows :—

	1903-04.	1904-05.
Receipt Vouchers	26,129	28,397
Disbursement Vouchers	66,217	70,556
	92,346	98,953

There is on the whole an increase of 6,607 or 7 per cent. in the number of vouchers in the year under review.

5. The results of the year compared with the Budget, Revised, and the Actuals of the previous year has been summarized as follows :—

	1903-04 Accounts.	1904-05.		
		Budget.	Revised.	Accounts.
	Rs.	Rs.	Rs.	Rs.
Revenue and Receipts	84,82,626	84,58,000	89,62,470	93,36,112
Expenditure	84,31,390	89,07,724	92,95,872	85,91,618
Surplus + ...	+ 51,236	.....	.....	+7,44,494
Deficit —	.....	—4,49,724	—3,33,402	.....

6. It is gratifying to note that the year under review is the first in the history of Municipal finances in which the revenue received is the highest that has ever accrued at the present rate of taxation. It has also exceeded by over 5 lakhs the revenue for 1899-1900 when the rate of taxation was the maximum allowed by law.

7. The total receipts from all sources amounted to Rs. 93,36,111-8-8 (*vide* Appendix 1 of the Chief Accountant's Report) against Rs. 84,82,625-10-1 for the previous year or Rs. 8,53,485-14-7 in excess. The increase is mainly under Property Taxes (*viz.*, General, Water and Halalkhore Taxes), Town Duties, Tobacco Duty, Miscellaneous, Interest Receipts and Premium on the Loan of 12¾ lakhs raised during the year.

8. The total expenditure from the Municipal Fund amounted to Rs. 85,91,617-10-8 against Rs. 84,31,389-12-8 in the previous year or an increase of Rs. 1,60,227-14-0, which is mainly due to excesses under Town Duties Commission, &c., Charges, Fire Brigade, Public Works, Debt Charges, Education due to increased Municipal Contribution towards primary education and pension charges partially counterbalanced by decreases under Health Department Conservancy Branch, Election Charges, Contribution to the City Improvement Trust (being Rs. 2,00,000 against Rs. 3,50,000 in the previous year) and Interest on Loans (the charges in the previous year under this head were unusually heavy owing to payment of arrears).

9. When the Budget was framed it was anticipated that the year would close with a deficit of Rs. 4,49,724. This deficit was, however, reduced to Rs. 3,33,402 in the Revised. The actuals have, however, resulted in a surplus of Rs. 7,44,494 against Rs. 51,236 in the previous year. The better results were mainly due to an increase in Revenue, chiefly Property Taxes and Town Duties and to a decrease in expenditure which was overestimated under several heads. This is, therefore, the third year since 1896-97 in which the Municipal accounts have closed with a surplus.

10. The opening Cash Balance on 1st April 1904 (exclusive of Reserve Stock, Surplus Funds, Investments, &c.) was Rs. 2,09,928-4-0. This together with the total receipts for the year (inclusive of Debt Deposits Advances, &c.) amounted to Rs. 3,73,88,604-0-1. The gross disbursements amounted to Rs. 3,72,80,565-3-5, thus leaving a closing balance of Rs. 1,08,038-12-8.

11. The Surplus Fund Investments amounted to Rs. 32,37,381-6-1 on 31st March 1905, as per following details, against Rs. 24,54,188-7-8 on the same date last year:—

	Rs.	a.	p.
In Government, &c., Paper with the Bank of Bombay (Fair value Rs. 13,22,500)	12,55,035	10	0
In current accounts with the following Banks :—			
The Hongkong and Shanghai Banking Corporation ...	53,546	11	7
The Comptoir National de Escompte de Paris	781	8	0
The Chartered Bank of India, Australia and China	1,04,059	9	0
The National Bank of India, Limited	37,628	5	10
The Yokohama Specie Bank, Limited	402	12	8
The Mercantile Bank of India, Limited	1,35,931	13	0
Total Rs.	3,32,345	12	1

In Fixed Deposit with the following Banks :—

	Rs.	a.	p.
The Bank of Bombay	13,50,000	0	0
The Mercantile Bank of India, Limited	3,00,000	0	0
Total ... Rs.	16,50,000	0	0
Grand Total ... Rs.	32,37,381	6	1

12. The following is the list of charges sanctioned during the year 1904-1905 by the Municipal Commissioner and paid out of his Discretional Grant.

List showing the amounts paid out of the Discretional Contingent Grant during 1904-05 :—

Particulars.	Amount.	Total.
	Rs. a. p.	Rs. a. p.
1. Rent of a room temporarily hired in lieu of the Old Girgaum Police Chowkey handed over to the Municipality	156 0 0	
2. Pay of a clerk engaged in the Commissioner's Office for keeping the ledger of stationery from 1st September 1904 to 28th February 1905 ...	240 0 0	
3. Purchase of a copy of "Ryde on Rating"	26 4 0	
4. Cost of insuring the market portion of the Bhuleshwar Market Buildings..	81 0 0	
5. Architectural alterations in the Hindu Tiffin Room at the Municipal Office..	40 13 9	
		544 1 9
6. Pay of a clerk engaged for 3 months on the work of keeping the register of set-back cases in the Chief Accountant's Office...	.....	75 0 0
7. Pay of two surveyors and two peons engaged in the Assessment Department for six months on the work of identifying all lands with trees or plantations in E, F and G Wards	.....	1,059 9 7
8. Cost of purchasing a vapouriser and two needles for a Welsback lamp for the use of the Fire Brigade Department	.....	10 8 0
9. Pay of a surveyor engaged in the Executive Engineer's Department for six months on the work of marking the regular lines of streets on a new set of revenue survey sheets	.....	360 0 0
10. Railway fare from Bombay to Jeypore paid to an animal keeper of the Victoria Gardens who was injured in the execution of his duties ...	.....	8 13 0
11. Cost of a first class passage to England paid to Mr. A. Fairlie Bruce, Deputy Executive Engineer, Water Works...	.....	780 0 0
Cost of engaging a clerk for two months for bringing up arrears at the Chinchpokli Stores Office		50 0 0
Total Rs. ...	.....	2,888 0 4
Less—Amount recovered from the Commissioner of Police on account of the cost of repairing a screen which was temporarily met from the Discretional Contingent Grant of 1903-04	.....	64 4 4
Net Expenditure	.....	2,823 12 0

13. The amount outstanding on 31st March 1905 under "Advances—Personal Account of Municipal Officers" was Rs. 19,074-5-4 against Rs. 34,326-9-5 on the same date last year as follows :—

Municipal Officers	Rs.	18,709	5 4
Plague Officers	,,	365	0 0
Total Rs. ...		19,074	5 4

Out of the above sum Rs. 4,686 represent the total amount on account of permanent advances made to Municipal and Plague Officers and the remainder, *viz.*, Rs. 14,388-5-4, represent the sums debited to the personal account of Municipal Officers pending adjustment.

14. The value of stock in hand on 31st March 1905, as per accounts rendered to the Chief Accountant's Office, compared with that on the same date last year, was as under :—

Executive Officers.	1903-04.			1904-05.		
	Rs.	a.	p.	Rs.	a.	p.
Executive Engineer	16,376	8	5	12,558	4	9
Water do.	1,92,980	8	3			
Drainage do. } General Stores ...	63,058	9	3	3,34,235	2	4
General Stock	17,313	7	4			
Parel Stores—Plague	25,265	4	9	43,744	6	2
Surplus and Obsolete Stores	4,02,258	6	9	3,95,177	5	11
Stores (Sales)	.....			7,422	8	4
Total Rs. ...	7,17,252	1	[illegible]	7,93,137	11	6

15. The amounts outstanding on 31st March 1905, under the [illegible]s mentioned below, were as follows :—

	Rs.	a.	p.
Departmental Works	13,555	8	1
Private Works	39,504	14	10
Workshops...	10,477	8	2
Total Rs. ...	63,537	15	1

16. The amount outstanding on 31st March 1905, to the debit of the personal account of Municipal Contractors for supplies made and services rendered to them, was Rs. 58,521-8-3 against Rs. 49,785-4-1 on the same date last year.

17. The total expenditure on account of Plague which was met out of Current Revenue during the year under review amounted to Rs. 1,81,919-6-8. The total charges on this account from the beginning of plague, *i.e.*, since 1896-1897, amounted to Rs. 61,46,102-13-8, of which 14½ lakhs were met from a grant-in-aid given by the Government of India, 20 lakhs from a Loan raised in the open market, Rs. 1,81,919-6-8 from Current Revenue, and the remainder, *viz.*, Rs. 25,14,190-7-0, have been carried to a Suspense head pending future adjustment.

18. *Scrutiny of Collections and of Outstanding Bills of Rates and Taxes for the year 1904-1905 and of previous year.*

Collections :—During the year there were issued by the Assessor and Collector 99,401 net demand Assessment Bills for Property and Wheel Taxes of the value of Rs. 55,03,913-10-1 and 3,734 bills for Meter Hire for the same year of the value of Rs. 28,655-2-8.

The following figures give the particulars of the bills and collections :—

		Rs. a. p.	Rs. a. p.
98,072 bills for Property and Wheel Tax were issued for 1904-05 of the value of ...		.....	54,37,016 8 8
3,734 bills for meter hire for 1904-05		.....	28,655 2 8
1,273 bills for the year 1903-04		65,483 4 10	
28 „ „ 1902-03		530 10 0	
16 „ „ 1901-02		564 14 11	
12 „ „ 1900-01		368 3 8	
1,329			66,897 1 5
103435 Total number of bills for 1904-05		.....	55,32,568 12 9
Add—Government and Port Trust Contributions		3,53,649 12 0	
Outstandings on 31st March 1904		3,20,458 8 8	
			6,74,108 4 8
Total amount to be collected		.....	62,06,677 1 5
Less—Collections made by the Assessor and Collector...		55,62,871 1 7	
Paid by Government and Port Trust		3,53,649 12 0	
			59,16,520 13 7
			2,90,156 3 10
Deduct—Amount of bills recalled, amended, and cancelled for all years from 1900-1901 to 1903-04...			1,02,292 13 3
Total outstanding on 31st March 1905 (Appendix C.)...			1,87,863 6 7
Amount outstanding on 31st March 1904 exclusive of meter hire			3,18,215 10 9
Amounts of bills recalled, amended and cancelled during the year for all years prior to 1904-05 exclusive of Rs. 1,902-8-8 on account of meter hire			1,00,390 4 7
			2,17,825 6 2
Bills amended and issued during the year			66,897 1 5
			2,84,722 7 7
Recovered during the year...			2,63,795 8 5
Outstanding on 31st March 1905 as per Appendix B			20,926 15 2

[illegible]oned here that the total amount collected during the year and credited to Munici[illegible]ccount of Government and Port Trust contributions amounted to Rs. 4,24[illegible]t Rs. 3,53,649-12-0 shown above. The difference of Rs. 71,188-4-11 (Rs. 46,1[illegible]ust on account of enhanced assessment and Rs. 24,990-4-11 arrears of recoveries [illegible]nment) is due to the amounts paid by Government and Port Trust not having b[illegible] account by the Assessor's Department pending final settlement of the correct figu[illegible]

19. In acc[illegible]with the instructions of the Corporation contained in their Resolution of 19th November [illegible]ich were communicated to the Auditors under the Municipal Secretary's letter No. [illegible]ted 30th idem, all Sinking Fund Investments for the year pertaining to the several loans [illegible]amined and found to agree with the amount provided in the Budget for 1904-05. Out [illegible]tal sum of Rs. 4,05,250 provided in the Budget Rs. 4,03,678-14-0 (representing the a[illegible]st of securities of several denominations to the extent of Rs. 4,02,700) were invested in G[illegible]ent and other Securities, and the remainder, *viz.*, Rs. 1,571-2-0 were held in Current De[illegible]Account. The total accumulated balance on account of these funds on 31st March 1905, a[illegible]wn in Appendix 7 of the Chief Accountant's Report for the year under review, amounted t[illegible]Rs. 53,22,276-7-0 (Rs. 53,21,392-5-0 in securities face value, Rs. 53,24,000 details given below, and Rs. 884-2-0 in cash).

	Paper. Rs.	Actual Cost. Rs. a. p.
5 per cent. Municipal Bonds ...	34,70,000	34,70,000 0 0
4 per cent. Do. ...	10,05,500	10,05,316 6 9
4 per cent. City Improvement Trust Bonds.	10,26,500	10,26,551 11 3
3½ per cent. Govt. Paper ...	1,22,000	1,19,524 3 0
Total ...	53,24,000	53,21,392 5 0

20. An additional statement (Appendix 7A) has been appended to the Chief Accountant's Report this year which gives in detail the actual investment on account of Sinking Funds of different Loans up to 31st March 1905 compared with the amounts which should have accumulated up to 31st March 1905 on the basis of the fixed instalments. The figures in this statement have been examined and found correct.

21. The Bank's receipts of investments of Sinking Funds of the different Loans, also of Municipal Buildings Fire Insurance, School Buildings, Worn-out Water Mains Renewal and Premia, &c. Funds, as well as securities received from the Municipal Employés and Contractors in Government Paper, Post Trust and Municipal Bonds deposited with the Bank of Bombay and the Pass Books of various Banks, have been examined and found to be correct and in order.

22. The securities furnished by the Municipal employés and on the record of the Chief Accountant's Office have also been examined with the registers maintained in his office and found to be in order. In the case of personal securities given by Municipal employés of property holders, life certificates of the sureties signed by a Justice of the Peace or a Magistrate as suggested in last year's report were not obtained, but a general certificate to the effect that the sureties were alive and the properties mentioned in the Bonds were still on their names given by the Assessor and Collector was considered sufficient by the Account Office.

23. In conclusion attention is respectfully invited to paras. 7, 11, 12, 18 and 19 of last year's report, and final orders are solicited on the points raised therein.

24. As my colleague Mr. Gupte is ill, he has not been able to sign this report.

HORMASJI SHAPURJI KATRAK,
Municipal [redacted]

BOMBAY, 28*th September* 1905.

BOMBAY, 31*st May* 1905.

To

THE MUNICIPAL SECRETARY,
BOMBAY.

SIR,

In accordance with Section 137 of the Bombay Municipal Act of 1888, we have the honour to forward the accompanying three appendices, marked A, B and C, containing the result of the scrutiny of the outstanding bills of Rates and Taxes which were in the hands of Ward and in the Office of the Assessor and Collector on the 31st March 1905.

These appendies form part of the Annual Report on the Municipal Accounts for the 05, now under preparation.

We have the honour to be,

Sir,

Your most obedient Servants,

S. D. GUPTE,
HORMASJI SHAPURJI KATRAK, } *Municipal Auditors.*

Appendix A.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in the hands of WARD CLERKS and in the Office of the ASSESSOR AND COLLECTOR on the 31st March 1905.

Ward.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Water Charged by Meter.	Tax on Vehicles and Animals.	Meter Hire.	Grand Total.
		1904-1905.									
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	945	19,157 13 11	4 530 6 6	4,308 12 2	27,987 0 7	41 4 8	12,450 10 3	30,133 9 6	1,290 12 0	670 8 0	72,573 13 0
B	602	11,713 13 2	5,182 4 5	3,354 5 8	20,250 7 3	12 8 0	51 0 6	1,856 9 1	512 14 0	221 0 0	22,904 6 10
C	703	10,922 7 1	7,738 9 2	3,254 10 2	21,915 10 5	124 3 4	212 2 6	3,690 9 10	1,129 3 0	320 11 2	27,392 8 3
D	416	5,868 10 8	2,145 13 10	1,734 4 7	9,748 13 1	364 10 10	31 13 4	7,731 5 5	1,233 13 0	249 0 0	19,359 7 8
E	422	4,390 1 2	1,596 1 0	1,280 15 0	7,267 1 2	466 4 4	252 5 11	4,629 4 4	1,740 0 0	171 0 0	14,525 15 9
F	201	1,152 7 8	888 15 1	350 4 4	2,391 11 1	7 4 8	.....	1,857 9 6	78 0 0	61 0 0	4,395 9 3
G	688	1,794 12 4	934 5 11	622 7 6	3,351 9 9	18 10 11	387 12 11	1,280 9 1	126 0 0	620 0 0	5,784 10 8
Total...	3,972	55,000 2 0	23,006 7 11	14,905 11 5	92,912 5 4	1,034 14 9	13,385 13 5	51,179 8 9	6,110 10 0	2,313 3 2	1,66,936 7 5

S. D. GUPTE,
HORMASJI SHAPURJI KATRAK, } *Municipal Auditors.*

BOMBAY, 31*st May* 1905.

Appendix B.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in arrears for the year 1 and previous years in the hands of the WARD CLERKS and in the Office of the ASSESSOR AND COLLECTOR on 31st March 1905.

Ward.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Wat... charged by...			
		FOR THE YEAR 1903-1904.									
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a.				
A	66	452 2 9	201 8 1	134 14 2	788 9 0	.....	1,061 8				
B	66	1,295 5 1	165 1 11	293 15 5	1,754 6 5	5 0 0	.....				
C	72	2,142 7 3	635 1 1	597 15 4	3,375 7 8	.....	.....				
D	64	982 12 10	346 10 0	303 14 6	1,633 5 4	98 0 1	0 13				
E	46	278 9 0	119 5 0	71 14 10	469 12 10	.....	.....				
F	31	177 7 3	41 14 6	56 10 8	276 0 5	2 0 0	.....				
G	58	71 1 0	23 0 11	37 12 10	131 14 9	18 15 8	.....				
Total...	403	5,399 13 2	1,532 9 6	1,497 1 9	8,429 8 5	123 15 9	1,062 5 8	1,...			
		FOR THE YEAR 1902-1903.									
A	26	31 3 9	16 8 1	12 6 0	60 1 10	.....	.....	678 11 6			
B	14	129 8 7	51 1 10	82 4 9	262 15 2	.....	.....	7 13 2			
C	20	699 12 10	226 12 6	331 5 8	1,257 15 0	5 0 0	.....	102 12 0			
D	35	347 0 4	113 9 10	124 0 11	584 11 1	19 8 0	.....	.....	41		
E	14	39 6 0	9 9 7	12 12 1	61 11 8	.....	.....	.....	88		
F	16	98 0 3	39 6 10	34 15 8	169 6 9	.....	.....	.....	5 0		
G	7	3 15 1	1 8 1	3 0 0	8 7 2	6 6 3	.....	.....	.....		
Total...	132	1,348 14 10	458 8 9	597 13 1	2,405 4 8	30 14 3	.....	789 4 8	370 12 0		
		FOR THE YEAR 1901-1902.									
A	3	220 2 11	.....	65 14 1	286 1 0	.....	.....	26 7 0	33 0 0	345	
B	3	34 10 4	13 3 2	9 14 6	57 12 0	.....	.....	.....	14 0 0	71 12	
C	23	779 2 6	232 0 5	354 0 5	1,415 3 4	5 0 0	.....	.....	101 6 0	1,521 9	
D	20	347 4 7	115 13 0	100 5 9	563 7 4	2 8 0	.....	.....	49 0 0	614 15 4	
E	2	16 1 0	6 1 10	5 5 7	27 8 5	.....	.....	.....	.....	27 8 5	
F	9	85 11 8	37 8 1	29 0 7	152 4 4	.....	.....	.....	.....	152 4 4	
Total...	60	1,483 1 0	404 10 6	564 8 11	2,502 4 5	7 8 0	.....	26 7 0	197 6 0	2,733 9 5	
Carried over...	595	8,231 13 0	2,445 12 9	2,659 7 9	13,337 1 6	162 6 0	1,062 5 8	2,651 14 0	1,316 3 5	18,529 14 7	

Appendix B—*concluded.*

Ward.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.	Tax on Vehicles and Animals.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over...	595	8,231 13 0	2,445 12 9	2,659 7 9	13,337 1 6	162 6 0	1,062 5 8	2,651 14 0	1,316 3 5	18,529 14 7
FOR THE YEAR 1900-01.										
C	17	856 4 0	209 3 4	336 14 7	1,402 5 11	5 0 0	.....	85 4 5	.....	1,492 10 4
Total...	17	856 4 0	209 3 4	336 14 7	1,402 5 11	5 0 0	.....	85 4 5	.....	1,492 10 4
FOR THE YEAR 1899-00.										
C	3	53 6 0	12 1 7	9 1 3	74 8 10	.....	.....	.....	.....	74 8 10
Total...	3	53 6 0	12 1 7	9 1 3	74 8 10	.....	.....	.....	.....	74 8 10
FOR THE YEAR 1898-99.										
D	3	506 1 9	163 14 5	159 13 3	829 13 5	.....	.....	.....	.....	829 13 5
Total...	3	506 1 9	163 14 5	159 13 3	829 13 5	.....	.....	.....	.....	829 13 5
GRAND TOTAL...	618	9,647 8 9	2,831 0 1	3,165 4 10	15,643 13 8	167 6 0	1,062 5 8	2,737 2 5	1,316 3 5	20,926 15 2

S. D. GUPTE,
HORMASJI SHAPURJI KATRAK, } *Municipal Auditors.*

BAY, 31*st May* 1905.

Appendix C.

SUMMARY OF APPENDICES A and B.

Years.	Appendix A. No. of Bills.	Appendix A. Amount.	Appendix B. No. of Bills.	Appendix B. Amount.	Grand Total. No. of Bills.	Grand Total. Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
1904-1905	3,972	1,66,936 7 5	.....	.....	3,972	1,66,936 7 5
1903-1904	.....	.....	403	12,200 1 7	403	12,200 1 7
1902-1903	.....	.....	132	3,596 3 7	132	3,596 3 7
1901-1902	.....	.....	60	2,733 9 5	60	2,733 9 5
1900-1901	.....	.....	17	1,492 10 4	17	1,492 10 4
1899-1900	.....	.....	3	74 8 10	3	74 8 10
1898-1899	.....	.....	3	829 13 5	3	829 13 5
Total ...	3,972	1,66,936 7 5	618	20,926 15 2	4,590	* 1,87,863 6 7

* Outstanding amount on the same date last year Rs. 5,20,458-8-8.

S. D. GUPTE,
HORMASJI SHAPURJI KATRAK, } *Municipal Auditors.*

BOMBAY, 31*st May* 1905.

00133756

BOMBAY, 10*th July* 1905.

To

M. N. WADIA, Esq.,
Municipal Secretary,
BOMBAY.

SIR,

We have the honour to forward herewith our Report on the Accounts of the Joint Schools Committee for the year 1904-05.

We have the honour to be,
Sir,
Your most obedient Servants,
S. D. GUPTE,
HORMASJI SHAPURJI KATRAK,
Municipal Auditors.

REPORT ON THE ACCOUNTS OF THE JOINT SCHOOLS COMMITTEE.

In accordance with By-law No. 15 of the Joint Schools Committee, we beg to report that we have audited the accounts, examined all vouchers and papers relating to the receipts and disbursements of the School Fund in charge of the Joint Schools Committee from 1st April 1904 to 31st March 1905, and found them in order.

2. The total receipts of the School Fund for the year 1904-05, as given in the "Income and Expenditure Account," submitted by the Secretary with his Annual Report, were better by Rs. 77,817-10-9 than those of the previous year (being Rs. 2,24,545-3-9 against Rs. 1,46,727-9-0). The large excess was mainly due to increased contributions from Government and Municipal Fund toward primary education and to better receipts under other subheads. The school fees realized during the year were Rs. 18,826-9-0 against Rs. 18,295-14-0 in the previous year, or Rs. 530-11-0 in excess, due to the opening of new schools and to better attendance.

3. Owing to the deaths of the Head Masters of the Musjid Bunder Gujerati Boys' School a sum of Rs. 33-8-9 (being the amount of school fees and a portion of advance for contingent expenses) remaining in their hands was found to be irrecoverable. In such cases to avoid losses the proper course would have been to withhold the pay of the deceased persons until it was ascertained if there were any amounts outstanding against them. The Secretary informs us that he has already issued instructions to his office to withhold the pay of the deceased teachers in such instances.

4. The total outgoings during the year amounted to Rs. 1,82,986-10-5 against Rs. 1,62,400-6-1 in the previous year. The increase of Rs. 20,586-4-4 is due to the opening of new schools and consequent increase in the school staff, to higher charges for rents and to larger purchases of school furniture, school books and the supply of Kindergarten and sewing articles, and for repairs to school buildings.

5. From the foregoing paragraphs (2 and 4) it will be seen that the receipts during the year under review exceeded the outgoings, and the transactions of the year resulted in a net surplus of Rs. 41,558-9-4 against a deficit of Rs. 15,672-13-1 in the previous year.

6. The interest on some endowment funds in the hands of the Secretary, instead of being credited to Revenue agreeably to Section 120 (*e*) of the Bombay Municipal Act of 1888, has been taken to a separate head under Deposits. This, in our opinion, does not seem to be correct, *vide* para. 5 of our Report on the Accounts for 1903-04.

7. The funds at the disposal of the Joint Schools Committee on 31st March 1905 were as under :—

			Rs. a. p.
Government Paper with the Bank of Bombay on account of Prize Funds			2,000 0 0
Government Paper (of the face value of Rs. 50,000) with the Bank of Bombay on account of Surplus Funds Investment ...			48,875 0 0
Cash Balance—			
In Bank of Bombay	Rs.	15,380 13 5	
In Office Treasury	„	232 12 0	
			15,613 9 5
			Rs. 66,488 9 5

S. D. GUPTE,
HORMASJI SHAPURJI KATRAK,
Municipal Auditors.

BOMBAY, 10*th July* 1905.

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